EIZO®

DuraVision® | VisionCore™

Industrial Visual Solutions



Engineered to Endure, Designed to Reassure

Engineered to Endure, Designed to Reassure

DuraVision / VisionCore is designed to provide unwavering support to professionals dedicated to the growth and safety of our businesses and communities. With robust reliability and cutting-edge imaging technologies, these solutions empower users to accomplish every task with confidence.

DuraVision® | VisionCore™

Industrial Visual Solutions





Reliability Trusted by Diverse Markets

IP Solutions

P.6-11



Suzuyo

Improving Safety with Remote Operation of Port Cranes

Since its establishment in 1801, Suzuyo & Co., Ltd. has developed a diverse portfolio of logistics solutions across domestic and international markets. EIZO's IP decoding solutions and touch panel monitors were integrated with the remote-control and operation system to enhance work safety.

Image Optimization Solutions

P.12-15



Betsukawa Corporation

250 Hours Saved Annually with Streamlined Image Enhancement

Betsukawa Corporation specializes in electric energy distribution equipment and services - including design, manufacturing, installation, and maintenance. To efficiently handle the large volume of photos collected from around 3,000 on-site surveys, they implemented EIZO's VisionCore FCS software solution. This significantly streamlined their workflow and led to substantial labor hour savings.

Ultra-High Sensitivity HD Cameras

P.16-17



Hydro Technology Institute

Clear Nighttime Visibility for Measuring River Flows

Hydro Technology Institute develops systems with advanced numerical analysis and cutting-edge AI, called Hydro-STIV, to measure the flow velocities and rates of rivers through video. They use EIZO's ultra-high sensitivity HD video camera to clearly observe rivers at night for a safer society.

Touch Panel Monitors

P.18-25



JAL Engineering

Fostering Collaboration and Supporting Safe Operations

JAL Engineering Co., Ltd. ensures the safe operation of aircraft for the Japan Airlines Group, handling the maintenance of engines and parts, as well as planning and managing related activities. EIZO's MDU5501WT 4K chart table monitor was chosen as part of a greater goal to digitize operations.

Maritime Monitors

P.26-29



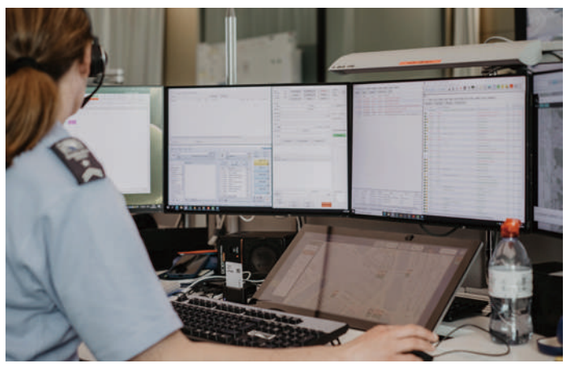
Albert Wegener Fireboat

Reliability for Rescue, Firefighting, and Environment Protection

The Albert Wegener is a decommissioned rescue cruiser that is now used for human rescue missions, firefighting and protecting the environment in the area surrounding Rostock Harbour, as well as German coastal waters. EIZO's maritime monitors support the captain and engineers with reliable display performance, day or night.

Control Room Monitors

P.32-33



Zurich Municipal Police

Optimal View of Information at All Times

A team of officers-in-charge work around the clock to monitor incidents and dispatch emergency services. FlexScan monitors ensure operators have an optimal view of everything at all times. Eye fatigue is significantly reduced due to the flicker-free, non-glare panel which is particularly important as full concentration is required constantly.





Protecting People, Businesses, and Communities

Security solutions and services are essential for safeguarding people, businesses, and communities, while ensuring smooth day-to-day operations. EIZO's IP solutions streamline video surveillance in security control rooms and remote operations centers.

Combine with Any Size Monitor for Flexible Video Surveillance

IP Decoding Box



Built-In Decoder for Streamlined Video Surveillance

IP Decoding Monitors

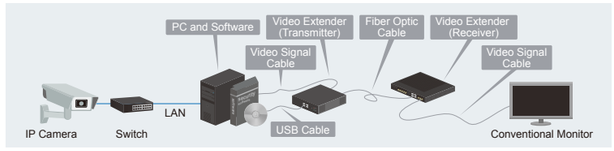


Why Choose EIZO's IP Decoding Solutions?

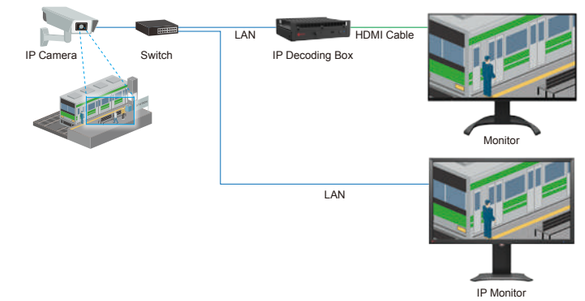
Save Time and Labor

PC-Less Connection

DuraVision IP decoding solutions connect directly to an IP camera or switch to stream video without a PC, software, or additional hardware. This greatly simplifies installation, saving time and labor costs, while reducing potential points of failure and addressing security concerns by minimizing the equipment needed to manage sensitive visual data.



EIZO's IP Decoding Solution



See What You Need, When You Need It

Alert-to-Action

The web API supports custom integration with local security systems and devices, enabling communication and response to network alerts. When an event occurs, EIZO's IP decoding solutions respond with a preassigned action, such as layout adjustment, message display, audio activation, camera adjustment, masking, and more.



EIZO Alert to Action

Custom Event Response

See how Alert-to-Action helps facilitate streamlined operations and maintain a safe environment for hospitals, public transportation hubs, and more.

Complete System Synergy

VMS Integration

EIZO collaborates with security & surveillance leaders to ensure technical compatibility and streamlined functionality with video management systems/software (VMS). By integrating into these VMS frameworks, users can easily set up, manage, and control EIZO's IP decoding solutions from a centralized platform.



Compatibility

	VMS Provider					
	Accellence Technologies	Genetec	Hexagon[1]	Milestone Systems	Panasonic	Siemens
DX0231-IP / FDF2731W-IP / FDF2312W-IP	✓	✓	✓[2]	✓[2]	✓	✓[2]
Type of Integration	Native	Plugin	Native	Plugin	Native	Plugin

[1] *Supports Qognify VMS.*
[2] *Additional license required. Contact EIZO for details.*

accellence Genetec HEXAGON milestone Panasonic

IP Decoding Solutions



IP Decoding Box
DX0231-IP



IP Decoding Monitor
27″ *FDF2731W-IP*



IP Decoding Monitor
23″ FDF2312W-IP

Live Video Streaming for Security & Surveillance

Interoperable with Over 300 Cameras

DuraVision IP decoding solutions support ONVIF® Profile S, AXIS® VAPIX®, Panasonic, and i-PRO protocols, ensuring flexible installation and interoperability with a wide range of cameras. Additionally, a direct RTSP connection (Direct URI) is available for simplified access to live video feeds.

4K Camera Support

IP decoding solutions support 4K video signal input (3840 x 2160 / 30 fps) from cameras and can downscale to Full HD (1920 x 1080).

Audio Output from Cameras

The DX0231-IP and FDF2731W-IP are capable of outputting audio from IP cameras for increased situational awareness.

Supported codecs: OPUS, G711, G726, AAC
Supported protocols: ONVIF, AXIS, Panasonic, DirectURI (RTSP)

Additional settings through the camera may be required. For DX0231-IP, a monitor with built-in speakers or a connected speaker is required.

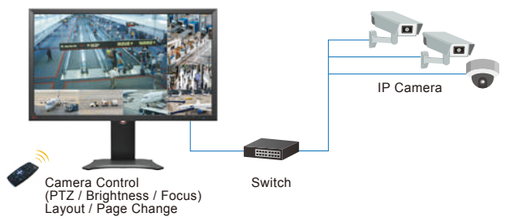
Display up to 32 Cameras Simultaneously

Register up to 48 IP cameras and display video from up to 32 simultaneously. Select from various default video stream layouts (1, 3, 4, 9, 16, 32, 8 (7+1) screens) or create your own with a custom layout. Easily rearrange registered cameras in any layout with intuitive drag-and-drop functionality.



Operate Cameras Remotely

Camera pan, tilt, and zoom operations can be performed without a PC using a remote control, eliminating the need to visit the installation site. IP decoding solutions are equipped with a USB port for connecting a USB mouse, keyboard, or joystick. To safeguard against potential information leakage, the USB port prevents the use of storage devices, such as USB memory sticks.

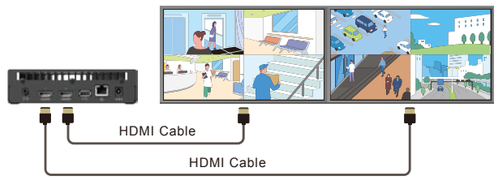


IP Decoding Solution Comparison

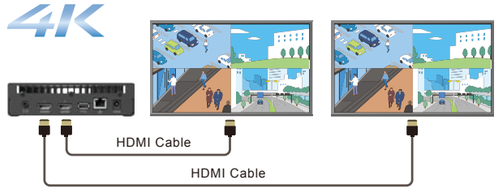
	IP Decoding Box	IP Decoding Monitor	
	DX0231-IP	**FDF2731W-IP**	**FDF2312W-IP**
Monitor Size	Connects to any size	27-inch	23-inch
Display Resolution	4K UHD (maximum)	Full HD	Full HD
Ultrawide Resolution Support	3840 x 1600 3440 x 1440	-	-
Multi-Monitor Support	Output to 2 monitors (Extended Display, Mirroring)	-	Output to 1 monitor (Extended Display, Mirroring)
Supported Camera Resolution (maximum)	4K UHD (3840 x 2160)		
Simultaneous Display Channels	32		16 (32 with Enterprise License)
Registrable Cameras	48		16 (48 with Enterprise License)
Video Codec	H.265, H.264, MJPEG (ONVIF)		
Communication Protocol	HTTPS (Panasonic, AXIS protocols), HTTP		
Installation	VESA 100 x 100 mm (Optional monitor mounting accessory: VOP-01)	VESA 100 x 100 mm	

4K Output to Dual Monitors

The DX0231-IP is equipped with two HDMI® ports, each supporting highly detailed 4K UHD resolution (3840 x 2160) output. This enables operators to display multiple camera feeds on two screens, optimizing a dual monitor configuration.



Extended Display



Mirroring

Ultrawide Monitor Configuration

The IP decoding box supports 3840 x 1600 and 3440 x 1440 ultrawide resolutions. This makes it ideal for displaying images from panoramic cameras.



Secure, Real-Time Streaming

DuraVision IP decoding solutions can stream video without a decentralized recording system, such as edge recording or cloud archiving, making it ideal for environments that do not record or store images.

Security and Reliability

- SNMP v1 and v2c support
- Noiseless, fanless operation

24-Hour Use, 2-Year Warranty

These products are built for 24-hour use and backed by a 2-year manufacturer's warranty for long-term reliability.

Sustainability

Eco-Concious Manufacturing

The FDF2731W-IP is the first monitor in the DuraVision lineup to use recycled plastic in its housing. Made of more than 85% recycled plastic, it contributes to reducing plastic waste entering the environment, conserves resources, and promotes the reuse of materials to preserve our natural ecosystems.



Furthermore, EIZO is committed to reducing its environmental impact by transitioning away from plastic and other environmentally unfriendly materials in product packaging (DX0231-IP, FDF2731W-IP).

DuraVision IP Solution Technical Portal

A central hub for EIZO's IP decoding solutions gathering product specifications, compatibility information, and useful downloads.

		IP Decoding Box	IP Decoding Monitors	
		DX0231-IP	FDF2731W-IP	FDF2312W-IP
				
Model Variations		DX0231-IP	FDF2731W-IP-BK: with stand, black	FDF2312W-IP-BK: with stand, black
Panel	Type	-	VA	IPS
	Backlight	-	LED	LED
	Size	-	27.0" (68.6 cm)	23.0" (58.4 cm)
	Native Resolution	-	1920 x 1080 (16:9 aspect ratio)	1920 x 1080 (16:9 aspect ratio)
	Viewable Image Size (H x V)	-	597.6 x 336.2 mm	509.1 x 286.4 mm
	Pixel Pitch (H x V)	-	0.311 x 0.311 mm	0.265 x 0.265 mm
	Display Colors	-	16.77 million	16.77 million
	Viewing Angles (H / V, typical)	-	178° / 178°	178° / 178°
	Brightness (typical)	-	350 cd/m²	300 cd/m²
	Contrast Ratio (typical)	-	3000:1	1000:1
	Response Time (typical)	-	12 ms (black-white-black)	8 ms (gray-to-gray)
Decoding Processor	Simultaneous Display Channels	32 (maximum)	32 (maximum)	16 (maximum), 32 (maximum)[2]
	Registrable Cameras	48 (maximum)	48 (maximum)	16 (maximum), 48 (maximum)[2]
	Camera Protocol	ONVIF Profile S, AXIS VAPIX, Panasonic / i-PRO, RTSP	ONVIF Profile S, AXIS VAPIX, Panasonic / i-PRO, RTSP	ONVIF Profile S, AXIS VAPIX, Panasonic / i-PRO, RTSP
	Video Codec	H.265, H.264, MJPEG[1]	H.265, H.264, MJPEG[1]	H.265[4], H.264, MJPEG[1]
	Audio Codec	OPUS, G711, G726, AAC	OPUS, G711, G726, AAC	-
	Streaming Protocol	RTP (H.265, H.264, MJPEG, MPEG2-TS), SRT[2] (H.265, H.264), UDP (MPEG2-TS)	RTP (H.265, H.264, MJPEG, MPEG2-TS), SRT[2] (H.265, H.264), UDP (MPEG2-TS)	RTP (H.265, H.264, MJPEG, MPEG2-TS), SRT[2] (H.265, H.264), SRTP[2] (H.265, H.264), UDP (MPEG2-TS)
	Decoding Performance (camera resolution / framerate) *Bitrate 4096 kbps	1-screen layout: 3840 x 2160 / 30 fps, 1920 x 1080 / 60 fps 4-screen layout: 3840 x 2160 / 20 fps, 1920 x 1080 / 60 fps 16-screen layout: 1920 x 1080 / 20 fps 32-screen layout: 1280 x 720 / 15 fps	1-screen layout: 3840 x 2160 / 30 fps, 1920 x 1080 / 60 fps 4-screen layout: 3840 x 2160 / 20 fps, 1920 x 1080 / 60 fps 16-screen layout: 1920 x 1080 / 20 fps 32-screen layout: 1280 x 720 / 15 fps	1-screen layout: 3840 x 2160 / 30 fps, 1920 x 1080 / 60 fps 4-screen layout: 3840 x 2160 / 20 fps, 1920 x 1080 / 60 fps 16-screen layout: 1920 x 1080 / 20 fps 32-screen layout: 1280 x 720 / 15 fps
	Bitrate	8192 kbps (maximum)	8192 kbps (maximum)	8192 kbps (maximum)
Video Signals	Output Terminals	HDMI x 2	-	HDMI
	Output Resolution	3840 x 2160 (maximum) / 60 Hz	-	1920 x 1080 (fixed) / 60 Hz
Network	Wired LAN	RJ-45 (1000BASE-T, 100BASE-TX)	RJ-45 (1000BASE-T, 100BASE-TX)	RJ-45 (1000BASE-T, 100BASE-TX)
USB	Host	USB 2.0: Type-A	USB 2.0: Type-A x 2	USB 2.0: Type-A x 2
Audio	Speakers	-	1.0 W + 1.0 W	-
	Output Terminals	Line out (Stereo mini jack), HDMI x 2	Line out (Stereo mini jack)	-
Power	Power Input	-	AC 100 - 240 V, 50 / 60 Hz	AC 100 - 240 V, 50 / 60 Hz
	Input Voltage	PoE+[3] (IEEE802.3at Type2): 42.5 V - 57 V (48 V typ.)AC Adapter (option): DC12 V	-	-
	Maximum Power Consumption	PoE+: 25.5 W AC Adapter (option): 24 W	55 W	49 W
Features & Functions	Communication Protocol	DHCP, DNS, HTTP, HTTPS, NTP, RTP, RTSP, SNMP, SRT[2], IEEE802.1X	DHCP, DNS, HTTP, HTTPS, NTP, RTP, RTSP, SNMP, SRT[2], IEEE802.1X	DHCP, DNS, HTTP, HTTPS, LDAP[2], LDAPS[2], NTP, RTP, RTSP, SNMP, SRT[2], SRTP[2], IEEE802.1X[2]
	Others	System software version 7.x	System software version 7.x	System software version 6.x
Physical Specifications	Dimensions (W x H x D)	165 x 44.2 x 130 mm	-	-
	Dimensions (Landscape, W x H x D)	-	634 x 531.5 x 205 mm	547.2 x 411.3 x 157 mm
	Dimensions (Without Stand, W x H x D)	-	634 x 376 x 60.5 mm	547.2 x 324.4 x 59.5 mm
	Net Weight	720 g	7.4 kg	6.6 kg
	Net Weight (Without Stand)	-	5.5 kg	4.2 kg
	Tilt	-	30° Up, 0° Down	30° Up, 0° Down
	Pivot	-	90° (clockwise)	
	Hole Spacing (VESA Standard)	-	100 x 100 mm, M4, screw depth 10 mm	100 x 100 mm, M4, screw depth 10.0 mm
Environmental Requirements	Operating Temperature	0 - 40°C	0 - 40°C	0 - 40°C
	Operating Humidity (R.H., non condensing)	20 - 80%	20 - 80%	20 - 80%
Certifications & Standards (Please contact EIZO for the latest information.)		CB, CE, UKCA, cTUVus, FCC-A, CAN ICES (A), TUV/S, VCCI-A, RCM, RoHS, WEEE, BIS, India RoHS	CB, CE, UKCA, cTUVus, FCC-A, CAN ICES (A), TUV/S, PSE, VCCI-A, RCM, RoHS, WEEE, CCC, China RoHS, BIS, India RoHS	CB, CE, UKCA, cTUVus, FCC-A, CAN ICES (A), TUV/S, PSE, VCCI-A, RCM, RoHS, WEEE, CCC, China RoHS, BIS, India RoHS
Supplied Accessories (May vary by country. Please contact EIZO for details.)	Signal Cables	HDMI (0.5 m)	-	-
	Others	Setup manual	AC Power cord (2 m), Setup manual	AC Power cord (2 m), Setup manual
Warranty		2 Years (24-hour use)	2 Years (24-hour use)	2 Years (24-hour use)

[1] *MJPEG is only available with the ONVIF Profile S protocol.*
[2] *Additional license is required. See EIZO's website for details.*
[3] *Power can only be received from 2-Event Classification-enabled network switches.*
[4] *See EIZO's website for compatibility details.*

Image Optimization Solutions

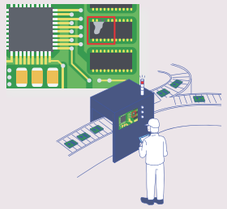


Enhance Visibility for Critical Visual Inspection

Enhance visibility in a diverse range of situations, including surveillance monitoring, infrastructure inspection, post-incident investigation, quality control processes, and more. EIZO offers its unique image enhancement technology through its hardware and software solutions.



Video Surveillance and Investigation



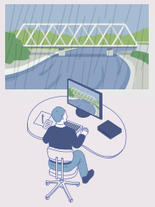
Manufacturing Inspection Processes



Condition Based Maintenance



Energy Infrastructure Monitoring

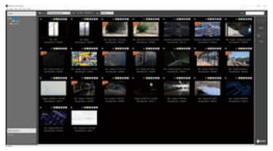


Safety and Disaster Prevention



Marine Port Surveillance





Type	Product	Advantages	Supported Resolutions
Hardware	DuraVision EVS1VX	• Video signal processing • Real-time processing	Full HD
Software	VisionCore FCS	• File processing • Batch processing • FCS Viewer integration • System integration	Resolution-agnostic

Human-Centric Surveillance Systems

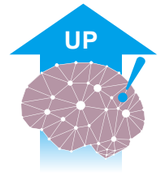
Facilitate Visual Inspection



• Crime Prevention & Fault Detection
• Infrastructure Maintenance Support
• Reduced Risk of Human Error

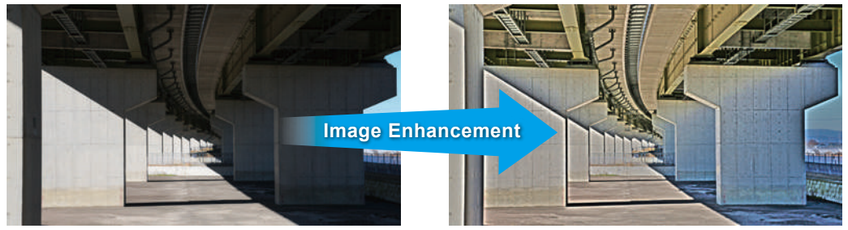
AI-Enhanced Security Systems

Facilitate AI Video Detection



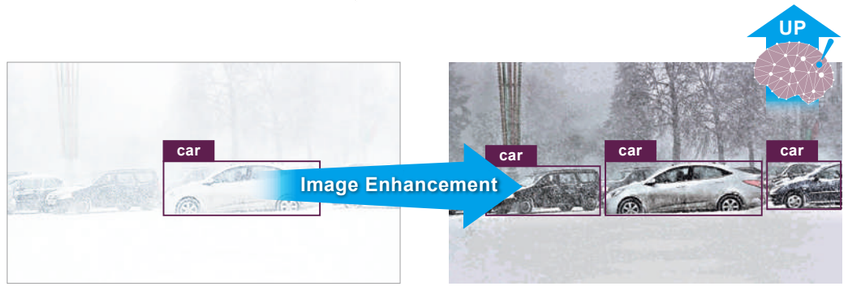
• Crime Prevention & Fault Detection
• Infrastructure Maintenance Support
• Operator Workforce Optimization

Clear visibility in captured video is crucial for applications centered on visual inspection. EIZO's image optimization solutions enhance difficult-to-see areas, making them clearer and easier to interpret.



Original Image　　Processed Image

This image enhancement also boosts detection rates in AI-enhanced systems, ensuring more accurate and efficient video analysis.



Original Image　　Processed Image

Real-Time Video Inspection

Image Optimization System

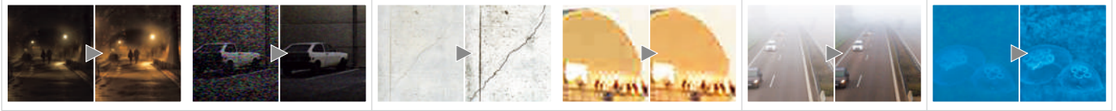
EVS1VX



Enhanced Visibility in Real-Time Video

The DuraVision EVS1VX is hardware solution that connects to a camera, recorder, or other image output device via HDMI cable and enhances visibility for real-time inspection. Equipped with EIZO's proprietary Visibility Optimizer X technology, it analyzes and adjusts images pixel-by-pixel in real time, without modifying the source data.

Night Surveillance		Infrastructure & Maintenance		Outdoor Surveillance	Image Analysis
Brighten dark areas	Reduce High ISO Noise*	Identify Cracks and Defects	Reduce Block Noise*	Improve Clarity in Hazy Conditions	Distinguish Objects in Color-Dominated Images*



**Optional feature*

Local Image Enhancement

Use the EVS Image Optimization Utility to select an area of the screen to apply image enhancement.



A Display Mode for Every Situation

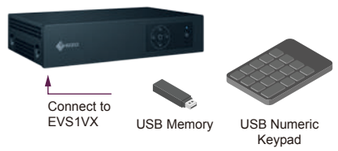
Register up to 10 display modes to suit unique viewing environments.



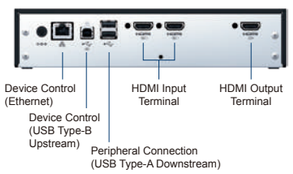
Capture Stills Directly to USB

Capture stills from any enhanced scene and save them directly to USB memory using a USB numeric keypad.

Optional feature



Connections



Dimensions (Unit: mm)

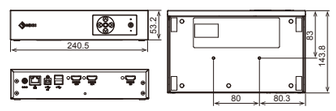


		Image Optimization System
		EVS1VX
Video Signals	Input Terminals	HDMI x 2
	Output Terminals	HDMI
	Video Formats	1080/60p, 1080/59.94p, 1080/50p, 720/60p, 720/59.94p, 720/50p
USB	Upstream	USB 2.0: Type-B
	Host	USB 2.0: Type-A x 2
Power	Power Input	AC 100 - 240 V, 50 / 60 Hz
	Maximum Power Consumption	45 W
Features & Functions	Visibility Optimizer	Visibility Optimizer X
	Communication Interface	USB, Ethernet
	Others	Area Selection, Preset
Physical Specifications	Dimensions (W x H x D)	240.5 x 53.2 x 143.8 mm
	Net Weight	1.4 kg
Environmental Requirements	Operating Temperature	0 - 40°C
	Operating Humidity (R.H., non condensing)	20 - 80%
Certifications & Standards (Please contact EIZO for the latest information.)		CB, CE, UKCA, cTUVus, FCC-A, CAN ICES (A), VCCI-A, RCM, RoHS, WEEE
Supplied Accessories (May vary by country. Please contact EIZO for details.)	Signal Cables	HDMI (2 m) x 2
	Others	AC adapter, User's manual
Warranty		2 Years (24-hour use)

24-Hour Use, 2-Year Warranty

This product is built for 24-hour use and backed by a 2-year manufacturer's warranty for long-term reliability.



File Processing and Inspection

Image Optimization Software

VisionCore FCS



Enhanced Visibility in Captured Images

VisionCore FCS is software solution that enhances visibility in captured video or still images for post-analysis. It is resolution-agnostic and enables automatic processing of images in conjunction with external systems.

Enhance High-Resolution Images

VisionCore FCS is resolution agnostic, allowing it to process video files at any resolution, including high-resolution.

Supports Various Input / Output Formats

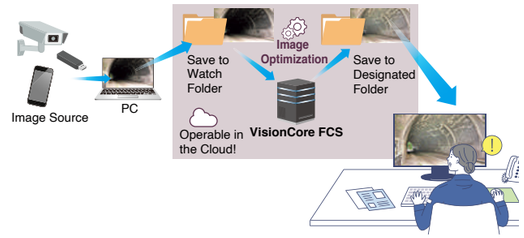
The software supports file input and output for H.264, MPEG2, and HEVC formats, enabling users to convert file formats, as well as framerates and aspect ratios.

High-Speed Conversion Processing

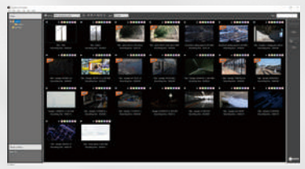
Using GPU (graphics processing unit) acceleration, the software delivers high-speed conversion processing.

Automated Processing Integrated with External Systems

The watch folder function enables automatic processing of images in conjunction with external systems. Users can assign multiple encoding settings, allowing various formats to be created from a single video source without altering the original data.



Viewer and Edit Software Option



VisionCore FCS Viewer

Imaging Viewer and Edit Software

The separate VisionCore FCS Viewer software is integrated with VisionCore FCS, so you can play back, edit and perform enhancement all on one screen.



Select a portion of the video to apply image enhancement from the timeline



Add notations or labels for comprehensive analysis

	Image Optimization Software
	VisionCore FCS
Supported OS	Windows 11 / Windows 10 (64-bit), Windows Server 2019 / 2016
License Authentication	USB dongle
CPU	Intel® Core™ processor (The 7th generation or later)
GPU	When using acceleration: NVIDIA® GeForce® 9xx / NVIDIA® Quadro® Mxxxx / NVIDIA Tesla™ K20 or later, Driver ver.418.96 or later (NVIDIA® CUDA® 10.1 / Compute Capability 3.5)
Memory	8 GB or more

	Imaging Viewer and Edit Software
	VisionCore FCS Viewer
Supported OS	Windows 11 / Windows 10 (64-bit)
License Authentication	License key file
CPU	Intel Core processor (The 10th generation or later)
Memory	8 GB or more

Visual Clarity in Live Monitoring Environments

These cameras offer optimal visibility in dark environments or adverse weather conditions, enhancing situational awareness in live video monitoring applications, such as area surveillance or natural disaster monitoring.

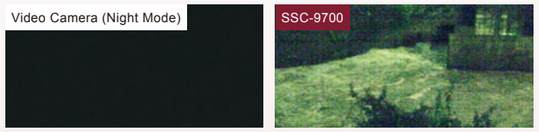


SSZ-9700
Ultra-High Sensitivity HD Zoom Camera with 35x Optical Zoom Lens

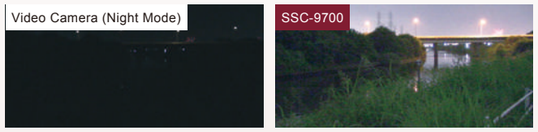
SSC-9700
Ultra-High Sensitivity HD Camera with C Mount for Lens Attachment

Color Capture in Low Light Conditions

The cameras capture color images even under extremly dim lighting conditions as low as 0.004 lx or 0.003 lx for the SSZ-9700 and SSC-9700 respectively. This provides clearer imaging in dark environments or poor weather conditions compared to a standard video camera.



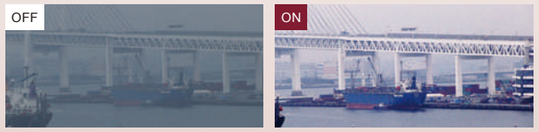
Pictured: Dam Water Level Surveillance
Time: After Sunset / Weather: Cloudy



Pictured: Riverside Surveillance
Time: After Sunset / Weather: Cloudy

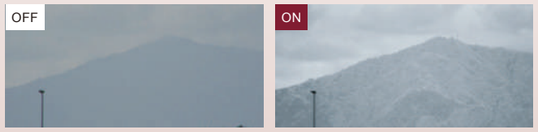
Digital Defog

The Digital Defog function stretches the contrast using image signal processing to adjust the difference in brightness and color for improved clarity of faint images.



Optical Defog

The Optical Defog function increases visibility by capturing images in the infrared region so objects become more discernible to the human eye.



Available with SSZ-9700 only.

Up to 350x Maximum Zoom Ratio

The SSZ-9700's built-in 35x optical zoom lens covers a focal length range of 6.5 to 230 mm and a 2.12 megapixel, 1/1.8 inch CMOS sensor. Combining 35x optical zoom and 10x digital zoom allows you to achieve a maximum zoom ratio of up to 350x (f=10,500 mm in 35 mm equivalent).



Pictured: Building 4.6 km in the distance

HDR Function

The HDR function enables capturing and combining multiple exposures, resulting in clear images with a wider dynamic range.

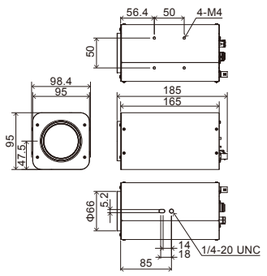
2D/3D Noise Reduction

The unique 2D/3D noise reduction function provides the optimal S/N ratio even at high gain settings.

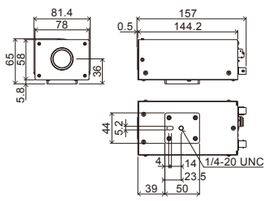
		Ultra-High Sensitivity HD Cameras	
		SSZ-9700 	SSC-9700 
Lens Unit	Zoom Ratio	35x (with digital zoom On: up to 350x)	-
	Focal Length	6.5 - 230 mm	-
	Angle of View (H x V) [16:9]	Wide: 60.4° x 35.9°, Tele: 2.0° x 1.2°	-
	Aperture Range	F1.5 - F22	-
	Optical Filter	IR cut-off filter, Dummy filter, Defog filter	-
	Zoom / Focus / Aperture Control	Stepper motor	-
	Focus Range	5 m - ∞	-
	Focus System	Auto Focus, One Push Auto Focus, Manual	-
Camera Unit	Imaging Sensor	Single Panel CMOS, RGB Bayer Array	Single Panel CMOS, RGB Bayer Array
	Total Pixels (H x V)	Approx. 2.27 million pixels 2016 x 1128	Approx. 2.27 million pixels 2016 x 1128
	Effective Pixels (H x V)	Approx. 2.12 million pixels 1936 x 1096	Approx. 2.12 million pixels 1936 x 1096
	Pixel Size (H x V)	4.1 x 4.1 µm	4.1 x 4.1 µm
	Optical Size	1/1.8 inch	1/1.8 inch
	Sensor Framerate	59.94 fps (29.97 fps when in HDR mode)	59.94 fps / 50 fps (29.97 fps when in HDR mode)
	Scanning System	Progressive	Progressive
	Minimum Illumination	0.004 lx (F1.5 1/30 s, 50 IRE, +78 dB)	0.003 lx (F1.4 1/30 s, 50 IRE, +78 dB)
	Horizontal Resolution	900 TV lines or more	900 TV lines or more
	SN Ratio	50 dB or above (γ=1, Contour Correction OFF, DNR OFF)	50 dB or above (γ=1, Contour Correction OFF, DNR OFF)
	Lens Mount	-	C mount
	Lens Control	-	4 pin DC iris control
	Exposure Mode	Full Auto, Shut. Prio., Gain Prio., Iris Prio., Manual	Full Auto, Shut. Prio., Gain Prio., Iris Prio., Manual
	Gain	Manual: 0 - 78 dB (0.3 dB step)	Manual: 0 - 78 dB (0.3 dB step)
	Electronic Shutter	60 Hz system: 1/1, 1/2, 1/4, 1/8, 1/15, 1/30, 1/60, 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 s 50 Hz system: 1/1, 1/2, 1/3, 1/6, 1/12, 1/25, 1/50, 1/60, 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 s	60 Hz system: 1/1, 1/2, 1/4, 1/8, 1/15, 1/30, 1/60, 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 s 50 Hz system: 1/1, 1/2, 1/3, 1/6, 1/12, 1/25, 1/50, 1/60, 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 s
	Iris	F1.5 - F22	-
	ALC Adjustment	Level adjustment, Limits adjustment	Level adjustment, Limits adjustment
	Backlight Correction	On, Off, Spot	On, Off, Spot
	Gamma Correction	0.35 - 0.55 (0.01 step) / 1.0	0.35 - 0.55 (0.01 step) / 1.0
	DNR	Off, Low, High	Off, Low, High
	White Balance	ATW1, ATW2, AWC, Manual	ATW1, ATW2, AWC, Manual, Low Temp., Hi Temp.
	HDR Mode	Off, HDR, Auto Knee, Auto Black Stretch	Off, HDR, Auto Knee, Auto Black Stretch
	Defog	Optical Defog: Off, On Digital Defog: Off, Low, Mid, High	Digital Defog: Off, Low, Mid, High
	Color Matrix	R, G, B, Ye, Cy, Mg 6-axis adjustment	R, G, B, Ye, Cy, Mg 6-axis adjustment
	Image Quality Adjustment (Others)	Detail, Chroma, Black Level	Detail, Chroma, Black Level
	Digital Zoom	1 - 10x (in tandem with optical zoom, Off / Max. x4 / Max. x10)	1 - 10x
	Image Reversal	Mirror, Flip, Mirror Flip	Mirror, Flip, Mirror Flip
	Privacy Mask	8 masks Gray, White, Black	8 masks Gray, White, Black
	Test Pattern	Color Bar, Grayscale, Built-in Cross Line	Color Bar, Grayscale, Built-in Cross Line
Interface	Image Output Terminal	HDMI, BNC (3G-SDI)	BNC (3G-SDI), BNC (Composite)
	Serial Port	RS-485	RS-485
	Relay Interface	-	IR Cut filter
	Video Output	1080p/59.94 (LEVEL A), 1080i/59.94, 1080p/29.97, 1080p/50.00 (LEVEL A), 1080i/50.00, 1080p/25.00	3G-SDI: 1080p/59.94 (LEVEL A), 1080i/59.94, 1080p/29.97, 1080p/50.00 (LEVEL A), 1080i/50.00, 1080p/25.00 Composite Video: NTSC, PAL Down Convert LETTER BOX / SIDE CUT / SQUEEZE
Other	Power Supply	DC 12 V	DC 12 V
	Power Consumption	11 W	7.5 W
	Operating Temperature / Humidity Range	-10 - 50°C / 10 - 90%	-10 - 50°C / 10 - 90%
	Storage Temperature / Humidity Range	-10 - 60°C / 10 - 90%	-10 - 60°C / 10 - 90%
	Dimensions (W x H x D)	95 x 95 x 165 mm	78 x 63.8 x 144.7 mm
	Weight	1.5 kg	500 g
	Supplied Accessories	User Manual	User Manual
Warranty		2 Years (24-hour use)	2 Years (24-hour use)

Dimensions (unit: mm)

SSZ-9700



SSC-9700



Accessory

DVAC-02

AC adapter and camera conversion cable.

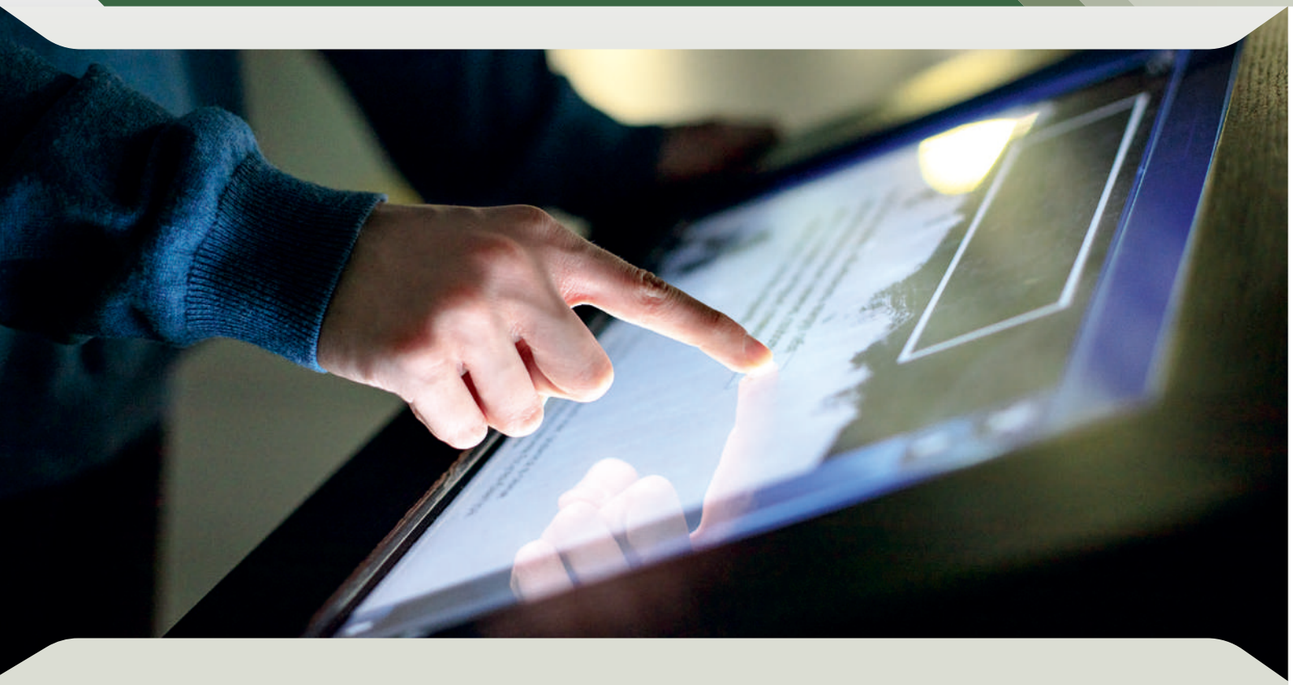


See it in Action!

See how ultra-high sensitivity HD cameras compare to a conventional video camera with night mode in this video comparison.

24-Hour Use, 2-Year Warranty

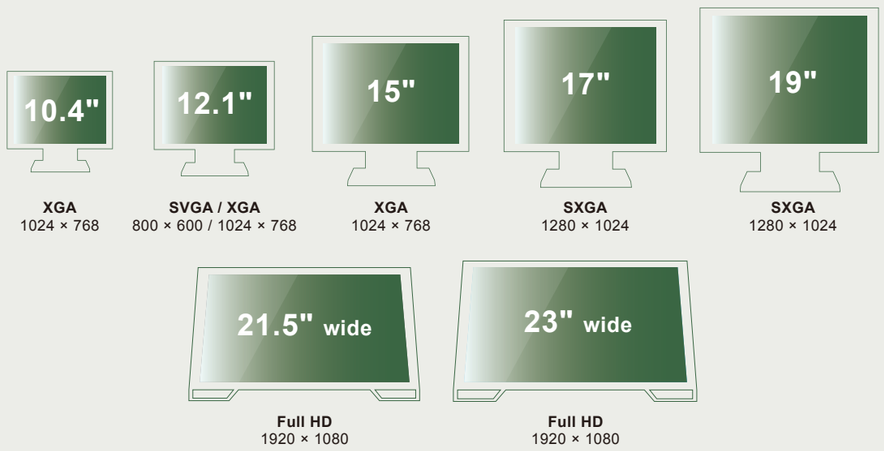
These products are built for 24-hour use and backed by a 2-year manufacturer's warranty for long-term reliability.





Reliable and Flexible Console Operation

EIZO offers a range of sizes and touch technologies to suit any installation.



Touch Panel Technologies Comparison

PCAP (Projective Capacitive)

Features High response, multitouch support, responds to bare finger or stylus

Applications Clinics, public access areas, schools and other environments prioritizing smooth writing input

Supported Monitors
- Industrial: **FDF2382WT-A, FDF2182WT, FDS1783T (P20-21)**
- Maritime: **MDU5501WT, FDS1904T (P26-29)**

Simultaneous Touch Points	Response when Wearing Gloves	Stylus Input	Slide Motion Response	Touchscreen Durability	Unintended Input from Fluid/Dust	Transmission Rate (Visibility)
1 to 10 (varies by model)	Low[1]	Yes[2]	Yes	Glass	High Resistance	High

SAW (Surface Acoustic)

Features Responds while wearing gloves, durable with routine use

Applications Public access areas, consoles, ATMs, and kiosks

Supported Monitors **FDF2121WT-A, FDS1921T, FDS1721T (P22-23)**

Simultaneous Touch Points	Response when Wearing Gloves	Stylus Input	Slide Motion Response	Touchscreen Durability	Unintended Input from Fluid/Dust	Transmission Rate (Visibility)
1 or 2 (varies by model)	Yes	Yes[3]	Low	Glass	Low Resistance	High

Analog Resistive

Features Mitigates unintended or erroneous input, responds while wearing gloves and using styluses

Applications Industrial system consoles and machines

Supported Monitors **FDX1502T (P22-23)**

Simultaneous Touch Points	Response when Wearing Gloves	Stylus Input	Slide Motion Response	Touchscreen Durability	Unintended Input from Fluid/Dust	Transmission Rate (Visibility)
1	Yes	Yes	No	Film[4]	High Resistance	Standard

1 *Only responds with thin or specialized gloves.*
2 *Requires active stylus or capacitive stylus pen.*
3 *Responds best to soft, broad-tipped stylus or pointer.*
4 *May be susceptible to scratches from sharp or hard objects.*

Accessory

TP5

Dedicated touch pen for EIZO PCAP touch panel monitors.



PCAP Touch Panel Monitors

From reception desks and digital directories to kiosks and other interactive stations, these monitors provide a seamless touch experience adaptable to any application.



23″ FDF2382WT-A



21.5″ FDF2182WT

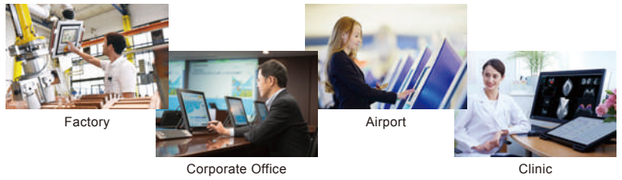


17″ FDS1783T

Highly Responsive Touch for Intuitive Operation

Monitors with projected capacitive (PCAP) touch technology accept touch input from a bare finger or stylus. They can detect up to 10 simultaneous touches and high responsiveness makes operation intuitive and smooth for any environment.







Rest Your Hand Naturally

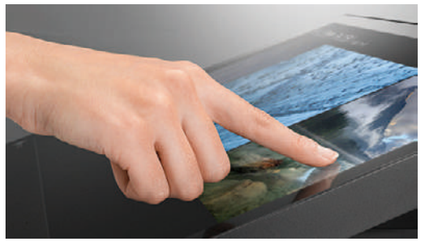
Palm rejection allows you to rest your hand directly on the screen without causing unintended touch input.

Palm rejection minimum activation area:
FDF2382WT-A, FDS1783T: 2 x 2 cm
FDS2182WT: 4 x 4 cm



Fully Flat Design

The fully flat design enables seamless touch operation across the screen. The smooth surface allows for easy cleaning.



Sensitivity Calibration

The monitors are equipped with technology that automatically calibrates touch sensitivity to correct deviations caused by environmental factors and electromagnetic noise, ensuring stable touch operation at all times.

Touch Detection Control

To prevent unintended input when cleaning the surface, easily enable or disable touch detection by pushing the button conveniently located on the side of the monitor.



Touch Operation Without Additional Drivers

The multitouch interface is supported by standard Windows 11 / 10 drivers. By simply connecting a USB cable, you can operate the touch panels without additional drivers.

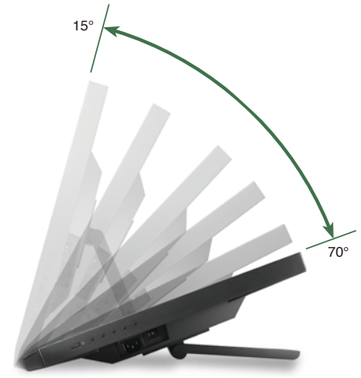
24-Hour Use, 3-Year Warranty

These products are built for 24-hour use and backed by a 3-year manufacturer's warranty for long-term reliability.

FDF2382WT-A is not warranted for 24-hour use.

Position to the Ideal Angle

The equipped stand offers flexible positioning, allowing the monitor to rest on your desk and recline to your desired angle.



Durable and Reliable

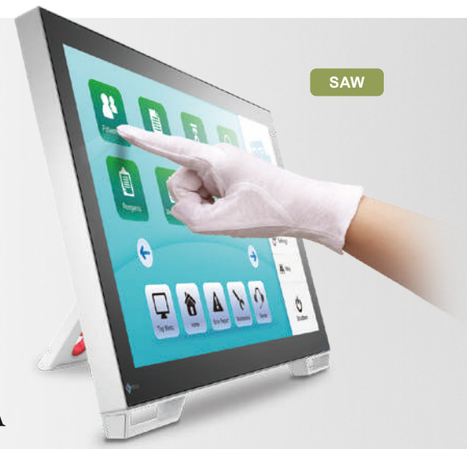
The touch screens feature a non-scratch surface made of reinforced glass, ensuring durability for long-term use.

See our PCAP touch panel monitors for maritime on P26-29.



SAW / Analog Resistive Touch Panel Monitors

Ideal for frequent input in consoles, industrial machines, kiosks, and other systems, these monitors deliver reliable performance and straightforward operation.



SAW

21.5" FDF2121WT-A



SAW

19" FDS1921T



SAW

17" FDS1721T



Analog Resistive

15" FDX1502T

High Reliability Touch for Industrial Environments

For environments that require the use of gloves, surface wave acoustic (SAW) and resistive touch technology provide reliable touch operation.

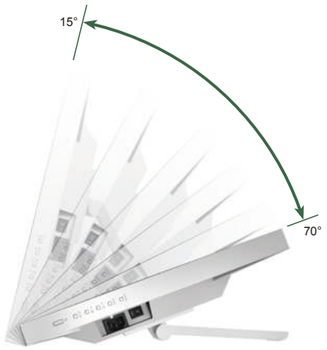
Fully Flat Design

The FDF2121WT-A and FDS1921T have a fully flat design for seamless touch operation across the screen. The smooth surface allows for easy cleaning.



Position to the Ideal Angle

The FDF2121WT-A's reclining stand offers flexible positioning of the screen to your desired angle. A desktop stand with tilt is also available, as well as compliance with the VESA standard for mounting on an arm or other fixture.



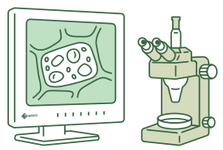
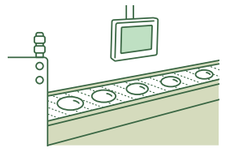
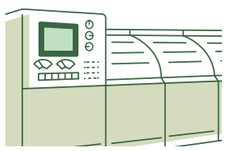
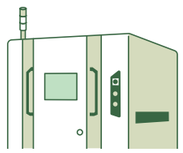
Multi-Touch Operation

The FDF2121WT-A and FDS1921T support 2-point multitouch operation and can accept touch input even when wearing gloves or from styluses for reliable operation.

FDS1721T and FDX1502T are single-touch.

Touch Operation Without Additional Drivers

The multitouch interface is supported by standard Windows 11 / 10 drivers. By simply connecting a USB cable, you can operate the touch panels without additional drivers.

With Stand	Without Stand (-F)	Panel Mount (-P)	Chassis Mount (-C)
			
Placement on a desk or other surface	Attachment to VESA-supported mounting structures	Installation into existing systems	Integration with various equipment
			
• FDF2121WT-A • FDS1921T • FDS1721T • FDX1502T	• FDF2121WT-A • FDS1921T • FDX1502T	• FDX1502T	• FDX1502T

Built-In Stereo Speakers

The monitors are equipped with built-in speakers for environments which require sound output.

Not applicable to panel mount or chassis mount variations.

Durable and Reliable

The touch screens feature a non-scratch surface made of reinforced glass, ensuring durability for long-term use.

Not applicable to FDX1502T.

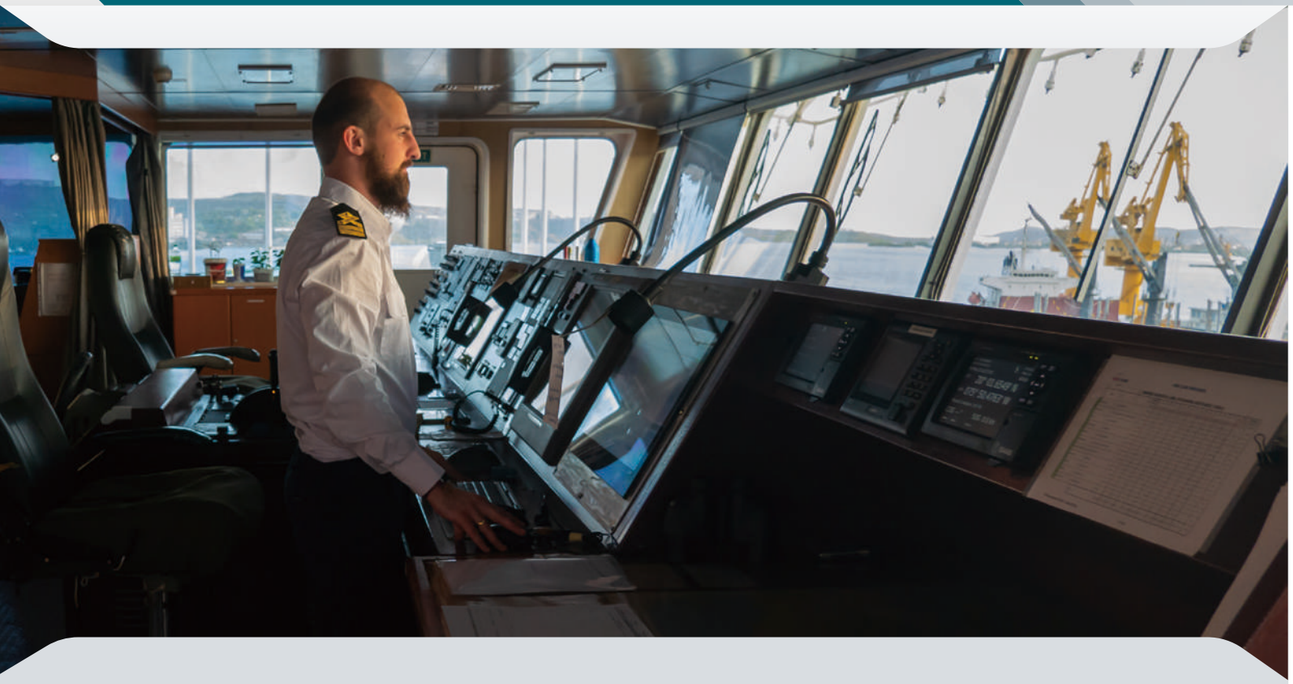
24-Hour Use, 3-Year Warranty

These products are built for 24-hour use and backed by a 3-year manufacturer's warranty for long-term reliability.

Additional Size Monitors Available

Visit EIZO's website for additional touch panel monitor sizes (12.1 and 10.4 inches).

		PCAP Touch Panel Monitors			SAW Touch Panel Monitors			Analog Resistive Touch Panel Monitor
		FDF2382WT-A	FDF2182WT	FDS1783T	FDF2121WT-A	FDS1921T	FDS1721T	FDX1502T
								
Model Variations		FDF2382WT-ALBK: with LaidBack stand, black FDF2382WT-ALGY: with LaidBack stand, gray FDF2382WT-AFBK: without stand, black FDF2382WT-AFGY: without stand, gray	FDF2182WT-LBK: with LaidBack stand, black FDF2182WT-LGY: with LaidBack stand, gray FDF2182WT-FBK: without stand, black FDF2182WT-FGY: without stand, gray	FDS1783T-LBK: with LaidBack stand, black FDS1783T-LGY: with LaidBack stand, gray FDS1783T-FBK: without stand, black FDS1783T-FGY: without stand, gray	FDF2121WT-ABK: with LaidBack stand, black FDF2121WT-AGY: with LaidBack stand, gray FDF2121WT-ATBK: with Tilt stand, black FDF2121WT-ATGY: with Tilt stand, gray FDF2121WT-AFBK: without stand, black FDF2121WT-AFGY: without stand, gray	FDS1921T-BK: with Tilt stand, black FDS1921T-GY: with Tilt stand, gray FDS1921T-FGY: without stand, gray	FDS1721T-BK: with stand, black FDS1721T-GY: with stand, gray	FDX1502T-TBK: with stand, black FDX1502T-TGY: with stand, gray FDX1502T-FBK: without stand, black FDX1502T-FGY: without stand, gray FDX1502T-PBK: Panel Mount, black FDX1502T-C: Chassis Mount
Panel	Type	IPS	VA	IPS	VA	TN	TN	TN
	Backlight	LED	LED	LED	LED	LED	LED	LED
	Size	23.0" (58.0 cm)	21.5" (54.7 cm)	17.0" (43.0 cm)	21.5" (54.7 cm)	19.0" (48.2 cm)	17.0" (43.0 cm)	15.0" (38 cm)
	Native Resolution	1920 x 1080 (16:9 aspect ratio)	1920 x 1080 (16:9 aspect ratio)	1280 x 1024 (5:4 aspect ratio)	1920 x 1080 (16:9 aspect ratio)	1280 x 1024 (5:4 aspect ratio)	1280 x 1024 (5:4 aspect ratio)	1024 x 768 (4:3 aspect ratio)
	Viewable Image Size (H x V)	509.2 x 286.4 mm	476.6 x 268.1 mm	337.9 x 270.3 mm	476.6 x 268.1 mm	376.3 x 301.1 mm	337.9 x 270.3 mm	304.1 x 228.1 mm
	Pixel Pitch (H x V)	0.265 x 0.265 mm	0.248 x 0.248 mm	0.264 x 0.264 mm	0.248 x 0.248 mm	0.294 x 0.294 mm	0.264 x 0.264 mm	0.297 x 0.297 mm
	Display Colors	16.77 million	16.77 million	16.77 million	16.77 million	16.77 million	16.77 million	16.77 million
	Viewing Angles (H / V, typical)	178° / 178°	178° / 178°	178° / 178°	178° / 178°	170° / 160°	170° / 160°	160° / 160°
	Brightness (typical)	260 cd/m²	230 cd/m²	360 cd/m²	200 cd/m²	380 cd/m²	200 cd/m²	320 cd/m²
	Contrast Ratio (typical)	1000:1	5000:1	1000:1	5000:1	1000:1	1000:1	600:1
	Response Time (typical)	11 ms (gray-to-gray)	25 ms (black-white-black)	14 ms (gray-to-gray)	25 ms (black-white-black)	5 ms (black-white-black)	5 ms (black-white-black)	8 ms (black-white-black)
Touch Panel	Type	Projected Capacitive	Projected Capacitive	Projected Capacitive	Surface Acoustic Wave	Surface Acoustic Wave	Surface Acoustic Wave	Analog resistive
	Touch Points	10	10	10	2	2	1	1
	Surface Treatment	Anti-Glare coating	Anti-Glare coating, Anti-Fingerprint coating	Anti-Glare coating, Anti-Fingerprint coating	Anti-Glare coating, Anti-Fingerprint coating	Anti-Glare coating, Anti-Fingerprint coating	Glare coating	Anti-Glare coating
	Communication Protocol	USB	USB	USB	USB	USB	USB	USB, RS-232C
	Surface Hardness	5 H	7 H	5 H	7 Mohs	7 Mohs	7 Mohs	2 H
	Compatible OS	Windows 11, Windows 10 (64-bit, 32-bit)	Windows 11, Windows 10 (64-bit, 32-bit)	Windows 11, Windows 10 (64-bit, 32-bit)	Windows 11, Windows 10 (64-bit, 32-bit)	Windows 11, Windows 10 (64-bit, 32-bit)	Windows 11, Windows 10 (64-bit, 32-bit)	Windows 11, Windows 10 (64-bit, 32-bit)
Video Signals	Input Terminals	DisplayPort (HDCP1.3), HDMI (HDCP1.4), D-Sub mini 15 pin	DisplayPort (HDCP1.3), HDMI (HDCP1.4), D-Sub mini 15 pin	DisplayPort (HDCP1.3), HDMI (HDCP1.4), D-Sub mini 15 pin	DisplayPort (HDCP1.3), DVI-D (HDCP1.4), D-Sub mini 15 pin	DisplayPort (HDCP1.3), DVI-D (HDCP1.4), D-Sub mini 15 pin	DVI-D, D-Sub mini 15 pin	DisplayPort (HDCP 1.3), HDMI (HDCP 1.4), D-Sub mini 15 pin
	Digital Scanning Frequency (H / V)	31 - 68 kHz / 59 - 61 Hz	DisplayPort: 31 - 68 kHz / 59 - 61 Hz HDMI: 31 - 68 kHz / 49 - 51 Hz, 59 - 61 Hz	31 - 64 kHz / 59 - 60 Hz	31 - 68 kHz / 59 - 61 Hz	31 - 64 kHz / 59 - 61 Hz	31 - 64 kHz / 59 - 61 Hz	31 - 49 kHz / 59 - 61 Hz
	Analog Scanning Frequency (H / V)	31 - 81 kHz / 55 - 76 Hz	31 - 81 kHz / 55 - 76 Hz	31 - 80 kHz / 56 - 75 Hz	31 - 81 kHz / 55 - 76 Hz	31 - 81 kHz / 55 - 76 Hz	31 - 64 kHz / 55 - 61 Hz	31 - 61 kHz / 55 - 76 Hz
	Sync Formats	Separate	Separate	Separate	Separate	Separate	Separate	Separate
USB	Upstream	USB 5Gbps: Type-B	USB 5Gbps: Type-B	USB 5Gbps: Type-B	USB 2.0: Type-B	USB 2.0: Type-B	USB 1.1: Type-B	USB 2.0: Type-B
	Downstream	USB 5Gbps: Type-A x 2	USB 5Gbps: Type-A x 2	USB 5Gbps: Type-A x 2	-	-	-	-
Audio	Speakers	1.0 W + 1.0 W	1.0 W + 1.0 W	2.0 W + 2.0 W	1.0 W + 1.0 W	1.0 W + 1.0 W	0.5 W + 0.5 W	FDX1502T-T / -F: 1.0 W + 1.0 W
	Input Terminals	Stereo mini jack, DisplayPort, HDMI	Stereo mini jack, DisplayPort, HDMI	Stereo mini jack, DisplayPort, HDMI	Stereo mini jack, DisplayPort	Stereo mini jack	Stereo mini jack	FDX1502T-T / -F: Stereo mini jack, DisplayPort, HDMI
	Output Terminals	-	-	-	-	-	Headphones (Stereo mini jack)	
Power	Power Input	AC 100 - 240 V, 50 / 60 Hz	AC 100 - 240 V, 50 / 60 Hz	AC 100 - 240 V, 50 / 60 Hz	AC 100 - 240 V, 50 / 60 Hz	AC 100 - 120 V/ AC 200 - 240 V, 50 / 60 Hz	AC 100 - 120 V / 200 - 240 V, 50 / 60 Hz	FDX1502T-T /-F: AC 100 - 240 V, 50 / 60 Hz FDX1502T-P: DC 12 V FDX1502T-C: DC 12 V (Jack), DC 12 - 24 V (Terminal Block)
	Typical Power Consumption	12 W	10 W	6 W	11 W	9 W	8 W	AC: 5 W
	Maximum Power Consumption	47 W	42 W	45 W	33 W	30 W	21 W	AC: 19 W / DC (12 V): 16 W / DC (24 V): 17 W
	Power Save Mode	0.5 W or less	1.2 W or less	0.5 W or less	2.0 W or less	2.5 W or less	1.5 W or less	AC: 0.4 W / DC: 0.3 W (FDX1502T-P) / DC: 0.5 W (FDX1502T-C)
Features & Functions	Preset Modes	User1, User2, sRGB	User1, User2, sRGB	User1, User2, sRGB	User1, User2, sRGB	User1, User2, sRGB	User1, User2, sRGB, Paper	User1, User2, sRGB
	Automatic Brightness Control	-	-	-	-	-	Yes	-
	Communication Protocol	-	-	-	-	VESA DDC2B	-	-
Physical Specifications	Dimensions (Landscape, W x H x D)	556.7 x 143.9 - 353.9 x 216.3 - 401.3 mm	533.2 x 139.3 - 340.8 x 214.8 - 401.5 mm	391.8 x 141.6 - 348 x 214.9 - 400.4 mm	With LaidBack stand: 533 x 139 – 347.5 x 89 – 401.5 mm With Tilt stand: 533 x 402 x 157 mm	434 x 438 x 157 mm	380 x 397.2 x 157 mm	346 x 349 x 157 mm
	Dimensions (Without Stand, W x H x D)	556.7 x 339.2 x 54 mm	533.2 x 325.7 x 54 mm	391.8 x 330.6 x 54 mm	533 x 326 x 54 mm	434 x 358 x 55 mm	380 x 353 x 58 mm	346 x 280 x 69 mm
	Dimensions (Panel Mount, W x H x D)	-	-	-	-	-	-	383 x 331 x 62 mm
	Dimensions (Chassis, W x H x D)	-	-	-	-	-	-	357 x 273 x 61 mm
	Net Weight	6.6 kg	5.6 kg	4.4 kg	With LaidBack stand: 6.5 kg With Tilt stand: 8.4 kg	8.2 kg	7.5 kg	5.7 kg
	Net Weight (Without Stand)	6 kg	5.1 kg	3.9 kg	6.0 kg	5.8 kg	4.8 kg	3.4 kg
	Net Weight (Panel Mount)	-	-	-	-	-	-	3.8 kg
	Net Weight (Chassis)	-	-	-	-	-	-	3.0 kg
	Height Adjustment Range	-	-	-	-	-	-	-
	Tilt	15° - 70°	15° - 70°	15° - 70°	With LaidBack stand: 15° - 70° With Tilt stand: 30° Up, 0° Down	30° Up, 0° Down	30° Up, 0° Down	30° Up, 0° Down
	Hole Spacing (VESA Standard)	100 x 100 mm, M4, screw depth 3.0 - 10.0 mm	100 x 100 mm, M4, screw depth 3.0 - 10.0 mm	100 x 100 mm, M4, screw depth 3.0 - 10.0 mm	100 x 100 mm, M4, screw depth 3.0 - 9.5 mm	100 x 100 mm, M4, screw depth 3.0 - 9.5 mm	100 x 100 mm, M4, screw depth 3.2 - 9.0 mm	FDX1502T-T / -F: 100 x 100 mm / 75 x 75 mm, M4, screw depth 3.0 - 10.0 mm FDX1502T-P: 100 x 100 mm / 75 x 75 mm, M4, screw depth 3.0 - 8.0 mm FDX1502T-C: 100 x 100 mm / 75 x 75 mm, M4, screw depth 1.0 - 8.0 mm
Environmental Requirements	Operating Temperature	5 - 35°C	5 - 40°C	5 - 35°C	0 - 40°C	0 - 40°C	0 - 35°C	0 - 50°C
	Operating Humidity (R.H., non condensing)	20 - 80%	20 - 90%	20 - 80%	20 - 90%	20 - 90%	20 - 80%	20 - 90%
	Degree of Protection	-	-	-	-	-	-	FDX1502T-P: IP65 (front)
Certifications & Standards (Please contact EIZO for the latest information.)		CB, CE, UKCA, cTUVus, FCC-B, CAN ICES (B), TUV/S, PSE, VCCI-B, CCC, RCM, EAC, RoHS, WEEE, China RoHS	CB, CE, UKCA, cTUVus, FCC-B, CAN ICES (B), TUV/S, PSE, VCCI-B, CCC, RCM, EAC, RoHS, WEEE, China RoHS	International Standard (IEC60601-1), CB, CE, UKCA, cTUVus, FCC-B, CAN ICES (B), VCCI-B, RCM, RoHS, WEEE, TUV/S, PSE	CB, CE, UKCA, cTUVus, FCC-B, CAN ICES (B), VCCI-B, CCC, RoHS, WEEE, China RoHS	CB (Medical), CB, CE, UKCA, cTUVus, FCC-B, CAN ICES (B), TUV/S, PSE, VCCI-B, RoHS, WEEE	CE, UKCA, CB, cTUVus, FCC-B, CAN ICES (A), TUV/S, VCCI-B, RoHS, WEEE, CCC, RCM, EAC, China RoHS	FDX1502T-T / -F: CB, CE, UKCA, cTUVus, FCC-B, CAN ICES (B), TUV/S, PSE, VCCI-B, RCM, RoHS, WEEE, CCC, EAC, China RoHS, BIS, India RoHS FDX1502T-P / -C: CB, CE, UKCA, cTUVus, FCC-B, CAN ICES (B), TUV/S, VCCI-B, RCM, RoHS, WEEE, CCC, EAC, China RoHS, BIS, India RoHS
Supplied Accessories (May vary by country. Please contact EIZO for details.)	Signal Cables	DisplayPort (2 m), HDMI (2 m)	DisplayPort (2 m), HDMI (2 m)	DisplayPort (2 m), HDMI (2 m)	DVI-D (2 m), D-Sub mini 15 pin (1.8 m)	DVI-D (2 m), D-Sub mini 15 pin (1.8 m)	DVI-D (2 m), D-Sub mini 15 pin (1.8 m)	HDMI (2 m), D-Sub mini 15 pin (1.8 m)
	Others	FDF2382WT-AL: AC power cord (2 m), USB Type-A - USB Type-B cable (2 m), Cleaning cloth, Mask Sheet x 2, Setup guide, Cable clamper FDF2382WT-AF: AC power cord (2 m), USB Type-A - USB Type-B cable (2 m), Cleaning cloth, Setup guide, VESA mounting screw (M4 x 12 mm) x 4, Cable clamper	FDF2182WT-L: AC power cord (2 m), USB Type-A - USB Type-B cable (2 m), Cleaning cloth, CD-ROM (PDF user's manual, Touch panel driver), Mask sheet x 2, Setup guide FDF2182WT-F: AC power cord (2 m), USB Type-A - USB Type-B cable (2 m), Cleaning cloth, CD-ROM (PDF user's manual, Touch panel driver), VESA mounting screw (M4 x 12 mm) x 4, Setup guide	FDS1783T-L: AC power cord (2 m), USB Type-A - USB Type-B cable (2 m), Cleaning cloth, Setup guide, cable clamper, Mask Sheet x 2 FDS1783T-F: AC power cord (2 m), USB Type-A - USB Type-B cable (2 m), Cleaning cloth, Setup guide, cable clamper, VESA mounting screw (M4 x 12 mm) x 4	FDF2121WT-A: USB Type-A - USB Type-B cable (1.8m), Audio cable (2.1m), Setup manual, Mask sheet x 2, CD-ROM (PDF user's manual) FDF2121WT-AT: USB Type-A - USB Type-B cable (1.8m), Audio cable (2.1m), Setup manual, CD-ROM (PDF user's manual) FDF2121WT-AF: USB Type-A - USB Type-B cable (1.8m), Audio cable (2.1m), Setup manual, CD-ROM (PDF user's manual), VESA mounting screw (M4 x 12 mm) x 4	FDS1921T: AC Power cord (2m), USB Type-A - USB Type-B cable (1.8m), Audio cable (2.1m), Mask sheet x 2, Setup manual, CD-ROM (PDF user's manual) FDS1921T-F: AC Power cord (2m), USB Type-A - USB Type-B cable (1.8m), Audio cable (2.1m), Setup manual, CD-ROM (PDF user's manual), VESA mounting screw (M4 x 12 mm) x 4	AC power cord (2m), USB Type-A - USB Type-B cable (1.8m), Audio cable (2.1m), EIZO LCD Utility Disk (PDF user's manual, touch panel driver), Setup guide, VESA mounting screw (M4 x 12 mm) x 4	FDX1502T-T: USB Type-A - USB Type-B cable (1.8m), Audio cable (2.1m), Setup manual, Cable clamper x 4 FDX1502T-F: USB Type-A - USB Type-B cable (1.8m), Audio cable (2.1m), Setup manual, VESA mounting screw (M4 x 12 mm) x 4, Cable clamper x 4 FDX1502T-P: USB Type-A - USB Type-B cable (1.8m), Setup manual, VESA mounting screw (M4 x 10 mm) x 4, Clamper x 3, Screw for clamper (M4 x 10 mm) x 3, Mounting bracket x 8 FDX1502T-C: USB Type-A - USB Type-B cable (1.8m), Setup manual, VESA mounting screw (M4 x 10 mm) x 4, Clamper x 3, Screw for clamper (M4 x 10 mm) x 3
Warranty		3 Years	3 Years (24-hour use)	3 Years (24-hour use)	3 Years (24-hour use)	3 Years (24-hour use)	3 Years (24-hour use)	3 Years (24-hour use)



Reliability Every Step of the Way

Providing ships and offshore structures with equipment that will continue to operate optimally in harsh conditions is essential for maritime. EIZO provides a range of maritime monitors for route planning and navigation that meet the requirements for maritime classifications and the highly specialized requirements of ECDIS/RADAR systems.

Protection in Harsh Environments

The front of the monitors is rated IP65, making them dust-tight and protected against pressurized water jets.

Maritime Classifications

The monitors are approved and certified by major maritime classifications, such as DNV (Germany / Norway), LR (UK), ABS (USA), NK (Japan), and EU RO MR to meet IMO (International Maritime Organization) regulations.

Calibrated for ECDIS

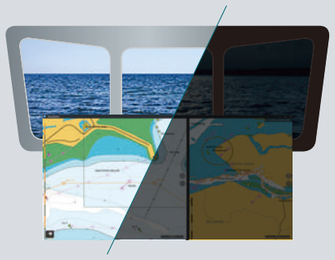
Backlight brightness, gamma, and RGB color settings are calibrated at the factory so the monitor achieves accurate color reproduction for meeting the highly specialized requirements of ECDIS systems.

- *IEC 61174, IEC 62288, IEC 62388, IEC 60945*



Optimal Visibility During Day or Night

Monitor brightness can be dimmed to less than 1 cd/m^2. The wide brightness range allows operators to adjust to the appropriate brightness level for viewing during the day or at night.



4K Chart Table Solution

55" MDU5501WT



Chart table stand is not included with the monitor.

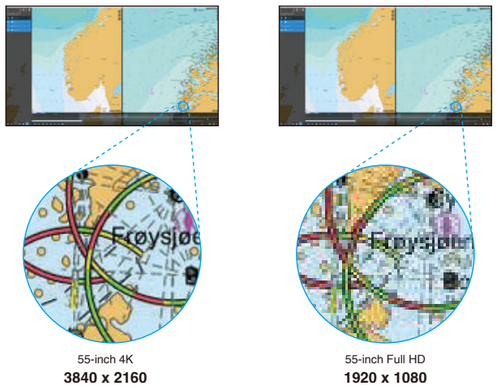
4K Route Planning at Your Fingertips

Ample Space for Efficient Operation

The MDU5501WT's large 55-inch screen offers ample space for users to see crucial navigational information from multiple applications on a single screen, minimizing the need to switch windows or zoom in.

Navigational Charts in Exceptional Detail

The monitor displays at 4K UHD resolution (3840 x 2160) which is four times that of Full HD (1920 x 1080). This allows operators to view navigational charts and other data with exceptional clarity and detail.



55-inch 4K
3840 x 2160

55-inch Full HD
1920 x 1080

Fully Flat Table Design

The monitor can be laid horizontally, featuring a fully flat surface that doubles as a table for traditional paper charts when needed. The wide outer edges provide a place for the crew to set items or rest their hands without obstructing the screen.



Multitouch Operation

The panel features projected capacitive (PCAP) touch technology, detecting up to 10 simultaneous finger touches or up to two styluses. This allows multiple crew members to operate the monitor simultaneously.

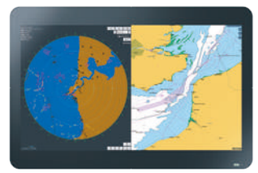


Display Multiple Sources Simultaneously

Picture-in-Picture (PinP) and Picture-by-Picture (PbyP) functions enable operators to conveniently display a second signal source either as an overlay window or side-by-side with another source.



Picture-in-Picture



Picture-by-Picture

Panel Mount Monitors

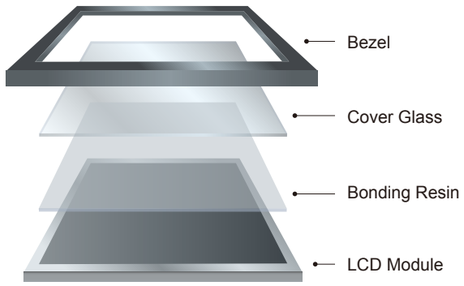


27" MDF2701W
19" FDS1904 / FDS1904T

Designed for ECDIS/RADAR Applications

In-House Optical Bonding Production

The DuraVision MDF2701W is equipped with optical bonding for increased visibility and durability in maritime environments.



PCAP Touch Variation Models

EIZO offers its 19-inch monitors in touch (FDS1904T) or non-touch (FDS1904) variations. Touch panel variations feature highly responsive PCAP touch technology and accept touch input from a bare finger or dedicated stylus.



EIZO Optical Bonding

Visit EIZO's website to learn more about optical bonding.

Installation to Consoles

The MDF2701W is designed for installation in maritime consoles and existing systems. Its panel mount structure allows it to be screwed in from the front, and its mounting holes match those of EIZO's previous 25.5-inch maritime monitor (FDU2603W), ensuring seamless replacement during a system upgrade.

The physical dimensions of MDF2701W differ from FDU2603W. See specifications for details.



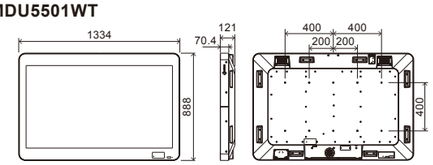
Optional Stand

An optional stand is available with the FDS1904/FDS1904T that supports tilt positioning from 0 - 60 degrees. This stand, along with the monitor, complies with the IEC 60945 standard and meets major maritime classifications.

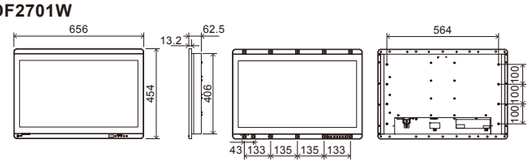
		Maritime Monitors			
		MDU5501WT	MDF2701W	FDS1904	FDS1904T
		Touchscreen	Non-Touchscreen	Non-Touchscreen	Touchscreen
Model Variations		MDU5501WT-BK: without stand, black	MDF2701W-BK: Optical Bonding, Panel mount, black	FDS1904: Panel mount, black	FDS1904T: Panel mount, black
Panel	Type	VA	VA	VA	VA
	Backlight	LED	LED	LED	LED
	Size	54.6" (138.8 cm)	27.0" (68.6 cm)	19.0" (48 cm)	19.0" (48 cm)
	Native Resolution	3840 x 2160 (16:9 aspect ratio)	1920 x 1080 (16:9 aspect ratio)	1280 x 1024 (5:4 aspect ratio)	1280 x 1024 (5:4 aspect ratio)
	Viewable Image Size (H x V)	1209.6 x 680.4 mm	597.6 x 336.2 mm	376.3 x 301.0 mm	376.3 x 301.0 mm
	Pixel Pitch (H x V)	0.315 x 0.315 mm (Minimum viewing distance: 1.086 m)	0.311x 0.311 mm	0.294 x 0.294 mm	0.294 x 0.294 mm
	Display Colors	16.77 million	16.77 million	16.77 million	16.77 million
	Viewing Angles (H / V, typical)	178° / 178°	178° / 178°	178° / 178°	178° / 178°
	Brightness (typical)	610 cd/m²	350 cd/m²	590 cd/m²	540 cd/m²
	Contrast Ratio (typical)	4000:1	3000:1	2000:1	2000:1
	Response Time (typical)	8 ms (gray-to-gray)	12 ms (black-white-black)	20 ms (black-white-black)	20 ms (black-white-black)
Touch Panel	Type	Projected Capacitive	-	-	Projected Capacitive
	Touch Points	10	-	-	5
	Surface Treatment	Anti-Glare coating, Anti-Fingerprint coating	-	-	Anti-Glare coating, Anti-Fingerprint coating
	Communication Protocol	USB	-	-	USB, RS-232C
	Surface Hardness	5 H	-	-	5 H
	Compatible OS	Windows 11, Windows 10 (64-bit, 32-bit)	-	-	Windows 11, Windows 10 (64-bit, 32-bit)
Video Signals	Input Terminals	DisplayPort (HDCP1.3), HDMI (HDCP 2.2 / 1.4), DVI-D (HDCP 1.4)	DisplayPort (HDCP 1.3), DVI-D (HDCP 1.4), D-Sub mini 15 pin	DVI-D (HDCP1.4), D-Sub mini 15 pin	DVI-D (HDCP1.4), D-Sub mini 15 pin
	Digital Scanning Frequency (H / V)	DisplayPort: 31 - 135 kHz / 29 - 61 Hz HDMI: 31 - 135 kHz / 29 - 61 Hz DVI-D: 31 - 75 kHz / 59 - 61 Hz	31 - 76 kHz / 59 - 61 Hz	31 - 64 kHz / 59 - 61 Hz	31 - 64 kHz / 59 - 61 Hz
	Analog Scanning Frequency (H / V)	-	31 - 81 kHz / 56 - 76 Hz	31 - 80 kHz / 56 - 76 Hz	31 - 80 kHz / 56 - 76 Hz
	Sync Formats	-	Separate	Separate, Composite	Separate, Composite
USB	Upstream	USB 2.0: Type-B	USB 2.0: Type-B	-	USB 2.0: Type-B
	Downstream	USB 2.0: Type-A x 2	-	-	-
Power	Power Input	AC 100 - 240 V, 50 / 60 Hz	AC 100 - 240 V, 50 / 60 Hz	AC 100 - 240 V , 50 / 60 Hz	AC 100 - 240 V , 50 / 60 Hz
		DC 24V	DC 24 V	DC 24V	DC 24V
	Maximum Power Consumption	AC: 195 W / DC: 199 W	AC: 45 W / DC: 44 W	64 W	64 W
	Power Save Mode	AC: 20 W / DC: 15 W	5 W or less	AC: 9 W / DC: 6 W	AC: 9 W / DC: 6 W
Features & Functions	Preset Modes	Custom, Day, Dusk, Night	Custom, Day, Dusk, Night	Custom, Day, Dusk, Night	Custom, Day, Dusk, Night
	Communication Interface	RS-232C, RS-485, USB	DDC/CI, RS-232C, USB	DDC/CI, RS-232C	DDC/CI, RS-232C
	Communication Protocol	Modbus, EIZO proprietary	EIZO proprietary	EIZO proprietary	EIZO proprietary
Physical Specifications	Dimensions (Without Stand, W x H x D)	1334 x 888 x 121 mm	656 x 454 x 62.5 mm	-	-
	Dimensions (Panel Mount, W x H x D)	-	-	429 x 406 x 75 mm	429 x 406 x 75 mm
	Net Weight (Without Stand)	71.7 kg	8.6 kg	-	-
	Net Weight (Panel Mount)	-	-	5.9 kg	6.4 kg
	Hole Spacing (VESA Standard)	-	-	100 x 100 mm, M4, screw depth 6.0 - 12.5 mm	100 x 100 mm, M4, screw depth 6.0 - 12.5 mm
Environmental Requirements	Operating Temperature	-15 - 55°C	-15 - 55°C	-15 - 55°C	-15 - 55°C
	Operating Humidity (R.H., non condensing)	10 - 90%	10 - 93%	10 - 90%	10 - 90%
	Degree of Protection	IP65 (front)	IP65 (front)	IP65 (front)	IP65 (front)
		IP22 (rear)	IP22 (rear)	IP22 (rear)	IP22 (rear)
Safe Distance of Nautical Equipment from Compasses	Standard Compass	2.65 m	0.8 m	0.90 m	0.90 m
	Steering Compass	1.70 m	0.55 m	0.60 m	0.60 m
Certifications & Standards (Please contact EIZO for the latest information.)		Ship Classification: DNV (Norway / Germany), NK (Japan), LR (UK), ABS (US) General: CB, CE, UKCA, RoHS, WEEE, IEC 60945 (EMC/ environmental testing), IEC 61174/IEC 62288/IEC 62388 (items for monitor), EU RO MR	Ship Classification: DNV (Norway / Germany), NK (Japan), LR (UK), ABS (US) General: CB, CE, UKCA, RoHS, WEEE, IEC 60945 (EMC/ environmental testing), IEC 61174/IEC 62288/IEC 62388 (items for monitor), EU RO MR	Ship Classification: DNV (Norway / Germany), NK (Japan), LR (UK), ABS (US) General: CB, CE, UKCA, EAC, RoHS, WEEE, CCC, China RoHS, IEC 60945 (EMC/environmental testing), IEC 61174/IEC 62288/IEC 62388 (items for monitor), KC (K60950-1, K00022, K00024), EU RO MR	Ship Classification: DNV (Norway / Germany), NK (Japan), LR (UK), ABS (US) General: CB, CE, UKCA, EAC, RoHS, WEEE, CCC, China RoHS, IEC 60945 (EMC/environmental testing), IEC 61174/IEC 62288/IEC 62388 (items for monitor), KC (K60950-1, K00022, K00024), EU RO MR
Dedicated Software	Image Rotation Software EIZO Screen Rotator	Supported	-	-	-
Supplied Accessories (May vary by country. Please contact EIZO for details.)	Others	Setup manual, CD-ROM (PDF user's manual, Touch panel driver), Cleaning cloth, Stylus (Touch pen), Battery charger for stylus, Stylus holder, Stylus pen tip x 2	Setup manual, Cleaning cloth	Setup manual, CD-ROM (PDF user's manual), Cleaning cloth	Setup manual, CD-ROM (PDF user's manual, Touch panel driver), Cleaning cloth
Warranty		3 Years (24-hour use)	3 Years (24-hour use)	3 Years (24-hour use)	3 Years (24-hour use)

Dimensions (unit: mm)

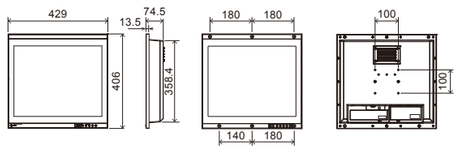
MDU5501WT



MDF2701W



FDS1904 / FDS1904T



24-Hour Use, 3-Year Warranty

These products are built for 24-hour use and backed by a 3-year manufacturer's warranty for long-term reliability.

Secure Mounting of Devices in Industrial Environments

The DuraVision PT-LAN51 is an indoor head designed specifically for industrial applications. In conjunction with various devices, it enables the automatic or remote monitoring of factory lines and other areas to facilitate operational efficiency, quality control, and security.



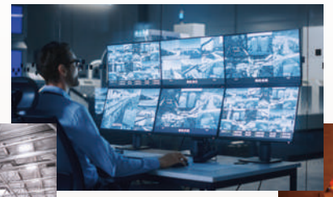
PT-LAN51



Production Line Monitoring Systems



Laser Picking Systems



Remote Surveillance / Robot Integration



Live Event Camera Systems

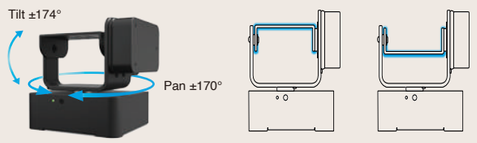
Attachment to a Wide Range of Devices

The PT-LAN51 supports attachment to a wide range of devices weighing up to 1.5 kg* such as video cameras, FA cameras, infrared cameras, SLR cameras, floodlights, laser measuring instruments, directional antennas, and more. Furthermore, it can supply up to DC12V/1A power to mounted devices.

**Mounting support varies by device weight, shape, center of gravity, rotation speed, and other factors.*

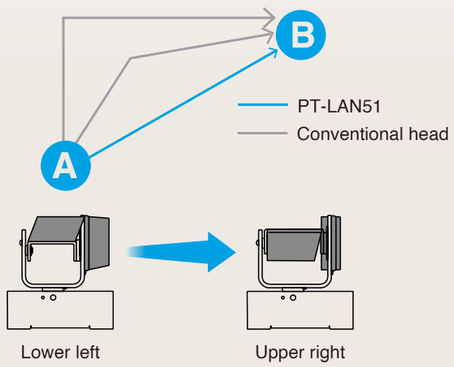
Pan and Tilt Movement

The PT-LAN51 can be remotely controlled and supports pan and tilt movement with a maximum range of ±170° and ±174°, respectively. Pan and tilt movement can be locked at a specific angle to prevent interference with the housing or cables of mounted equipment. In addition, the direction of the pan and tilt rotation can be set to reverse for ceiling-mounted installations, such as for surveillance cameras.



High-Precision, Discrete Movement

The PT-LAN51 uses a stepper motor for high-precision, discrete movement. It also enables point-to-point diagonal direct movement, which is typically difficult to achieve with a simple mechanism head.



External Control

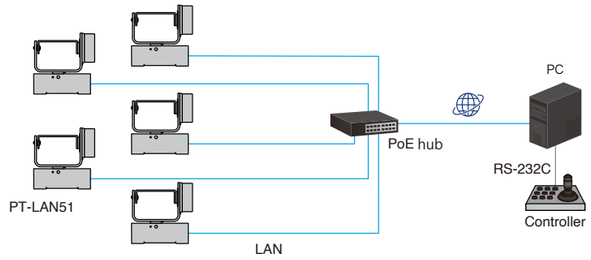
The PT-LAN51 supports external control via LAN or RS-232C. The head also comes with an IR remote control for intuitive operation.



Power Delivery without an Adapter

The PT-LAN51 is equipped with a PoE power input port so it stays powered without needed an external adapter and cable, keeping the installation area clear.

The PT-LAN51 remains in operation regardless of whether the power switch is on or off when power is supplied using PoE+.
DC output cannot supply power to a connected device while using PoE+.





External Command Support

A command list is also available for external control via end-user software.

Compact and Reliable

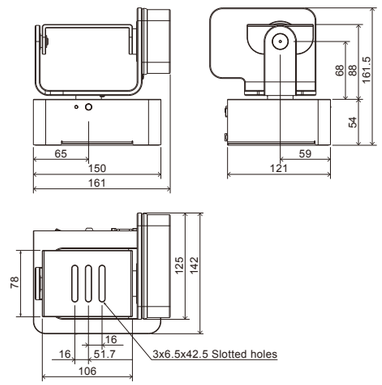
The head is designed to be compact, measuring 161 x 161.5 x 142 mm (W x H x D) and weighing just 2.5 kg. It complies with the VESA standard for reliable mounting in industrial environments.

Long-Term Reliability

It is backed by a 2-year manufacturer's warranty for long-term reliability.

		Pan and Tilt Head
		PT-LAN51
Remote Control		LAN, RS-232C, IR Remote
Power / PoE+ Input	Standard	IEEE 802.3at Type2 (PoE+)
	Power Voltage	DC 42.5 V - 57 V
	Maximum Power Consumption	25.5 W or less
	Maximum Input Current	Up to 0.6 A
Power / DC Input	Power Voltage	DC 12 V
	Maximum Power Consumption	36 W or less
	Maximum Input Current	Up to 3.0 A
Power / DC Output	Power Voltage	DC 12 V ± 10%
	Maximum Input Current	1.0 A or less
Physical Specifications	Dimensions (W x H x D)	161 x 161.5 x 142 mm
	Net Weight	Approx. 2.5 kg
	Hole Spacing	100 x 100 mm, M4, screw depth 4.0 - 20.0 mm
	Tilt Rotation Range	±174˚ (factory default: ±30˚)
	Tilt Rotation Speed	0.4˚ - 50˚/sec
	Pan Rotation Range	±170˚ (factory default: ±170˚)
	Pan Rotation Speed	0.4˚ - 50˚/sec
	Mountable Equipment Weight	1.5 kg or less
Certifications & Standards (Please contact EIZO for the latest information.)		CB, CE, UKCA, cTUVus, FCC-A, CAN ICES (A), TUV/S, VCCI-A, RoHS, WEEE
Supplied Accessories (May vary by country. Please contact EIZO for details.)		Remote control with battery (AAA x 2), User's manual, Rubber sheet
Warranty		2 Years

Dimensions (unit: mm)



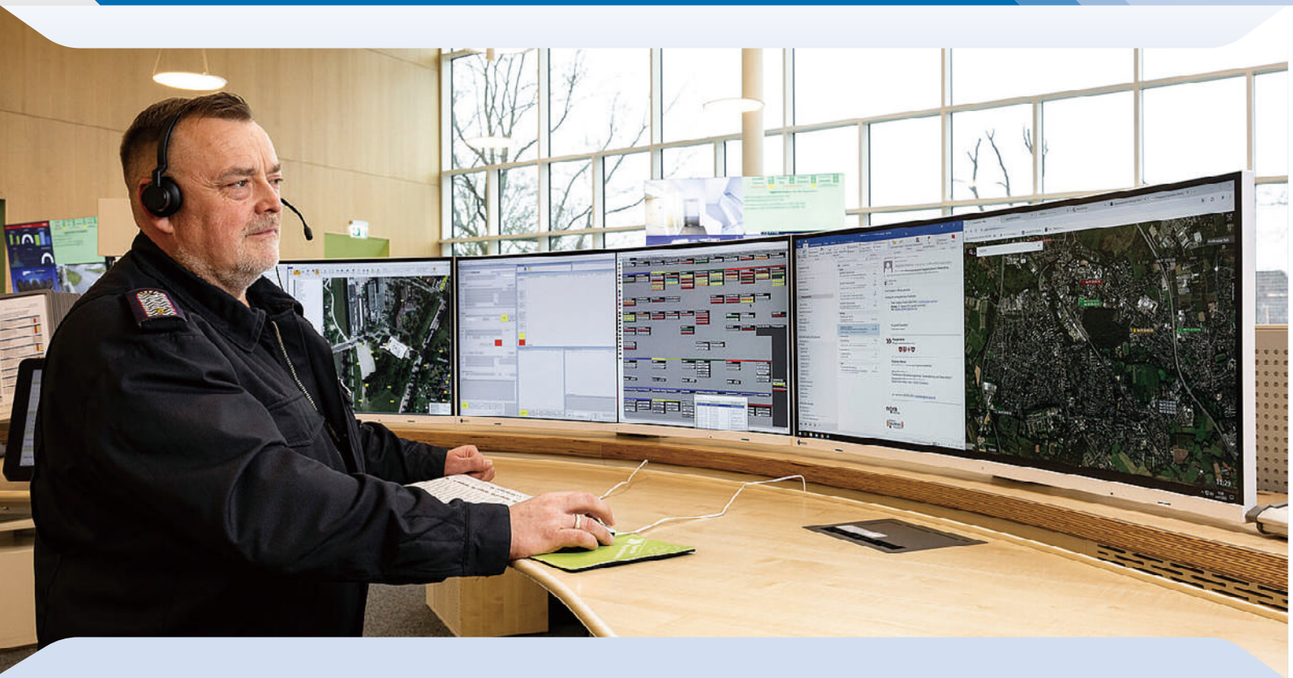
Accessory

DVAC-02

AC adapter.

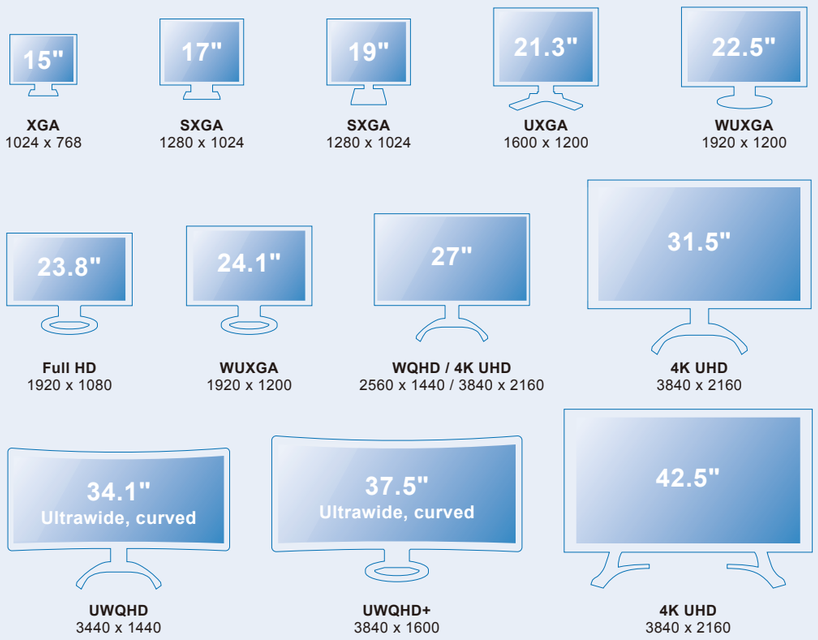


Control Room Monitors



Versatile Solutions for Any Installation

In addition to EIZO's highly specialized solutions for industrial markets, the FlexScan lineup of business enterprise monitors offers exceptional versatility to meet the needs of control rooms, operations centers, and administrative offices. With a wide range of sizes, resolutions, and features sets, EIZO ensures it can cater to the diverse requirements of any installation.



Say Goodbye to Tired Eyes

Flicker-Free Viewing

In control centers, such as air traffic management, emergency response, and network operations, extended screen time can contribute to eye strain and fatigue. FlexScan monitors eliminate perceived flicker by regulating brightness, ensuring more comfortable viewing.



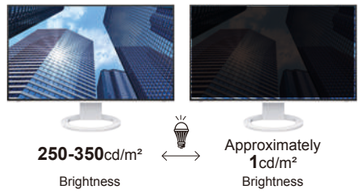
Auto Brightness Control

The monitors' Auto EcoView function detects ambient light changes throughout the day and automatically adjusts screen brightness, ensuring comfort and consistently optimal viewing conditions.



Stable Image at Low Brightness

Using a monitor at lower brightness settings is more comfortable in dimly-lit environments. Many FlexScan models can be adjusted to approximately 1 cd/m² (less than 1% of maximum brightness), offering flexibility to suit various environments and operator preferences.



5-Year Warranty

FlexScan monitors are backed by a standard 5-year manufacturer's warranty that covers all components, including the LCD panel*. This is two years longer than the standard warranty of most conventional monitors, contributing to significantly lower product life cycle costs.

5 Year Warranty

Usage time is limited to 30,000 hours.

Leading the Way in Sustainability

EIZO is committed to environmentally conscious product development, from manufacturing to the user experience. FlexScan monitors are at the forefront of these efforts, supporting users and organizations concerned with sustainable procurement.



Low Environmental Impact Materials
Recycled plastic used in monitor housing (up to 80%) to mitigate waste and conserve resources.

Eco-Conscious Packaging
Molded pulp made from recycled cardboard and newspaper. Cables wrapped in paper instead of plastic bags.

Collective Packaging Option
Multiple monitors packed in a single box to improve loading efficiency and streamline installation.

Energy-Efficiency
Cut power consumption by as much as 60% using EcoView technologies.

Certified Sustainable
Certified to worldwide standards such as TCO Certified, generation 10, EnergyStar, and EPEAT Gold.

Sustainability features and certifications vary by model. See our website for details.

Learn more »

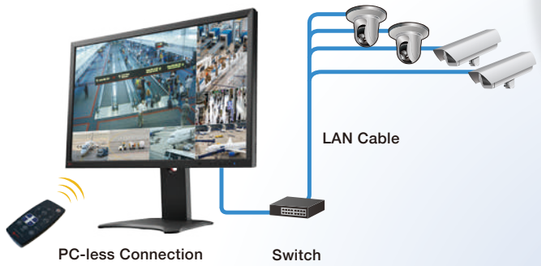
Innovative Solutions

Built-In Color Calibration Sensors



Automatically calibrates while you work

IP Decoding Solutions



Visibility Enhancement Technology

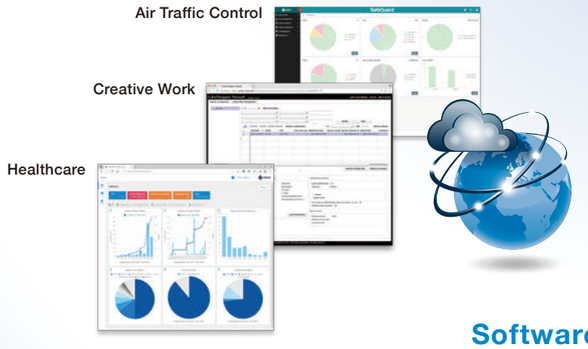


Ultra-High Sensitivity HD Cameras



Image Optimization Solutions

Market-Focused Cloud Solutions



Visual Technology Company

50+Years of Expertise

EIZO



Research and Development



Manufacturing



Quality Control



Customization



Global Reach

Extensive Market Reach



Business Enterprise



Creative Work



Healthcare



Security / Infrastructure / Maritime

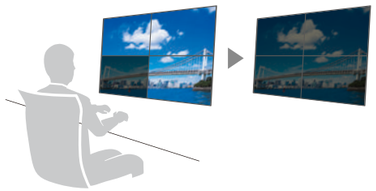


Air Traffic Control

Software for Improved Workflow



Use a single mouse across two PCs



Synchronized adjustment of multiple monitors



Simplified CMS with automatic software and printer settings adjustment



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Some screen images provided by NAVTOR.

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