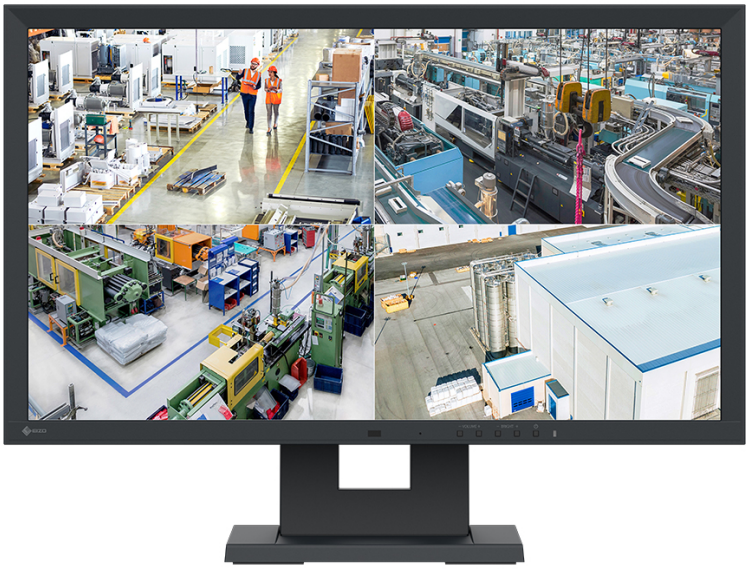


Product Website

23" IP decoder monitor

23 inch IP decoder monitor for computerless connection to security and surveillance cameras. The integrated IP decoder platform decodes H.265 (HEVC), H.264 and MJPEG codecs in real time. This enables high frame rates even when streaming high-resolution video over multiple channels. Even 16 simultaneous full HD (1920 × 1080) video feeds run at a stable frame rate of 20 fps (frames per second). Neither software nor other hardware is required for the full-HD decoder monitor. This means easy installation, little maintenance, and little time and effort required. The FDF2312W-IP offers registration of up to 48 IP cameras. Streaming and control protocols such as RTSP, ONVIF Profile S, Axis VAPIX and Panasonic/iPro are supported. Thanks to the user-friendly web interface, users can conveniently adjust the arrangement of video streams while choosing from different screen layouts. The monitor's web API and various plug-ins enable integration with the local VMS.

- IP surveillance camera connection and IP video streaming without PC
- Powerful decoder technology for up to 48 streams
- Alert-to-Action - targeted and quickly in the picture
- Easy configuration via the web interface and API
- Live data protection
- Camera protocol support: ONVIF, Panasonic/iPro and Axis VAPIX
- RTSP control support
- HDMI output for second Full HD monitor

Technical Data

GENERAL

Item no.	FDF2312W-IP
Case color	Black
Areas of application	Video surveillance, Industry
Product line	DuraVision
Areas of application	IP decoder solutions, Video surveillance, Control rooms

SCREEN

Screen size [in inches]	23
Screen size [in cm]	58,4
Format	16:9
Viewable image size (width x height) [in mm]	509,1 x 286,4
Ideal and recommended resolution	1920 x 1080 (Full HD)
Pixel pitch [in mm]	0,265 x 0,265
Panel technology	IPS
Max. viewing angle horizontal [in °]	178
Max. viewing angle vertical [in °]	178
Number of colors or greyscale	16.7 million colors (RJ-45, 8 bit)
Max. brightness (typical) [in cd/m²]	300
Max. dark room contrast (typical)	1000:1
Response time grey-grey alternation (typical) [in ms]	8
Backlight	LED

IP DECODING

Video decoding	H.265, H.264, MJPEG
Streaming protocols	RTP (H.265, H.264, MJPEG, MPEG2-TS), UDP (MPEG2-TS)
Number of simultaneous streams	32 (Enterprise License) / 16
Decoding performance	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
Maximum bitrate [kbps]	8192
Maximum output signal	1920 x 1080 / 60 Hz
Layouts	sequential screen lock, custom, corridor format, 3x3, 4x4, 4x8, rotating, 1x1, 2x2
Supported transfer protocols	Axis VAPIX, Panasonic/i-PRO, RTSP, ONVIF Profile S
VMS support	Qognify, Milestone Systems, Siemens, Genetec (max. 16 streams), Accellence Technologies, Mobotix
Management support	SNMP v1, v2c
IP address filter	✓

CERTIFICATION & STANDARDS

Certification	CE, UKCA, CB, RCM, cTÜVus, FCC-A, CAN ICES-3 (A), TÜV/S, PSE, VCCI-A, RoHS, WEEE, China RoHS, CCC, BIS

FEATURES & OPERATION

LAN/RJ-45	✓
Web API for configuration and operation	✓
PTZ control incl. presets	✓
Communication protocols	DHCP, DNS, HTTP, HTTPS, NTP, RTP, RTSP, SNMP
Privacy mask and virtual line	✓
Alert-to-Action	✓
Issue commands to network devices	✓
Optional features (licence required)	Playback recorded video, LDAPS Protocol, livestream view, SRT Protocol (H.265, H.264), LDAP protocol, SRTP Protocol (H.265, H.264), VMS support, VMS Failover, IEEE 802.1X Protocol, Icon Arranger
24/7 operation	✓
Built-in speakers	✓
Integrated power unit	✓

CONNECTIONS

Signal inputs	RJ-45 (IP-Video)
Signal outputs	1x HDMI
USB specification	USB 2
USB downstream ports	2x type A
Network connection	RJ-45
LAN standards	IEEE802.3ab (1000BASE-T)
Audio / headphone output	3.5 mm stereo jack

ELECTRICAL DATA

Maximum Power Consumption [in watts]	49 (at maximum brightness with all signal inputs and USB ports in use)
Power consumption with power switch off [in watts]	0
Power supply	AC 100-240V, 50/60Hz

DIMENSIONS & WEIGHT

Dimensions (incl. stand) (width x height x depth) [in mm]	547.2 x 411.3 x 157
Weight (incl. stand) [in kg]	6.6
Dimensions (without stand) (width x height x depth) [in mm]	547.2 x 324.4 x 59.5
Weight (without stand) [in kg]	4.2
Dimension drawing (PDF)	Dimension drawing (PDF)
Tiltability forwards/backwards [in °]	0 / 30
Hole spacing	100 x 100

SOFTWARE & ACCESSORIES

Other box contents	Power cord, Manual via download, Quick guide

WARRANTY

Warranty periode	2 years
Warranty type	24/7

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