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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		FEATURES & OPERATION	
Item no.	FDF2312W-IP	LAN/RJ-45	✓
Case color	Black	Web API for configuration and operation	✓
Areas of application	Video surveillance, Industry	PTZ control incl. presets	✓
Product line	DuraVision	Communication protocols	DHCP, DNS, HTTP, HTTPS, NTP, RTP, RTSP, SNMP
Areas of application	IP decoder solutions, Video surveillance, Control rooms	Privacy mask and virtual line	✓
SCREEN		Alert-to-Action	✓
Screen size [in inches]	23	Issue commands to network devices	✓
Screen size [in cm]	58,4	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
Format	16:9	24/7 operation	✓
Viewable image size (width x height) [in mm]	509,1 x 286,4	Built-in speakers	✓
Ideal and recommended resolution	1920 x 1080 (Full HD)	Integrated power unit	✓
Pixel pitch [in mm]	0,265 x 0,265	CONNECTIONS	
Panel technology	IPS	Signal inputs	RJ-45 (IP-Video)
Max. viewing angle horizontal	178	Signal outputs	1x HDMI
Max. viewing angle vertical	178	USB specification	USB 2
Number of colors or greyscale	16.7 million colors (RJ-45, 8 bit)	USB downstream ports	2x type A
Max. brightness (typical) [in cd/m ²]	300	Network connection	RJ-45
Max. dark room contrast (typical)	1000:1	LAN standards	IEEE802.3ab (1000BASE-T)
Response time grey-grey alternation (typical) [in ms]	8	Audio / headphone output	3.5 mm stereo jack
Backlight	LED	DIMENSIONS & WEIGHT	
IP DECODING		Dimensions (incl. stand) (width x height x depth) [in mm]	547.2 x 411.3 x 157
Video decoding	H.265, H.264, MJPEG	Weight (incl. stand) [in kg]	6.6
Streaming protocols	RTP (H.265, H.264, MJPEG, MPEG2-TS), UDP (MPEG2-TS)	Dimensions (without stand) (width x height x depth) [in mm]	547.2 x 324.4 x 59.5
Number of simultaneous streams	3840 x 2160 / 20 fps x 4 streams, max. 8192 bit/s	Weight (without stand) [in kg]	4.2
Display 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	Dimension drawing (PDF)	Dimension drawing (PDF)
Maximum output signal	1920 x 1080 / 60 Hz	Tiltability forwards/backwards [in °]	0 / 30
Layouts	sequential screen lock, custom, corridor format, 3x3, 4x4, 4x8, rotating, 1x1, 2x2	Hole spacing	100 x 100
Supported transfer protocols	Axis VAPIX, Panasonic/i-PRO, RTSP, ONVIF Profile S	CERTIFICATION & STANDARDS	
VMS support	Qognify, Milestone Systems, Siemens, Genetec (max. 16 streams), Accellence Technologies, Mobotix	Certification	CE, UKCA, CB, RCM, cTÜVus, FCC-A, CAN ICES-3 (A), TÜV/S, PSE, VCCI-A, RoHS, WEEE, China RoHS, CCC, BIS
Management support	SNMP v1, v2c	SOFTWARE & ACCESSORIES	
IP address filter	✓	Other box contents	Manual via download, Power cord, Quick guide
ELECTRICAL DATA		WARRANTY	
Maximum Power Consumption [in watts]	49 (at maximum brightness with all signal inputs and USB ports in use)	Warranty periode	2 years
Power consumption with power switch off [in watts]	0	Warranty type	24/7
Power supply	AC 100-240V, 50/60Hz		



DuraVision FDF2312W-IP

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