

### DuraVision FDF2312W-IP



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



# DuraVision FDF2312W-IP

# **Technical Data**

	GENERAL	
Areas of application  Video surveillance, Industry  Product line  DuraVision  Areas of application  IP decoder solutions, Video surveillance, Control rooms  SCREEN  Screen size [in inches]  Screen size [in cm]  58.4  Format  I6.9  Viewable image size (width x height) In mm]  Viewable image size (width x height) Ideal and recommended resolution  I920 x 1080 (Full HD)  Pixel pitch [in mm]  Q.265 x Q.265  Panel technology  IPS  Max. viewing angle horizontal  I78  Max. viewing angle vertical  I78  Number of colors or gregscale  I6.7 million colors (RJ-45, 8 bit)  Max. brightness (typical) [in cd/m²]  300  Max. dark room contrast (tupical)  I000:1  Response time grey-grey alternation  Itypical] [in ms]  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  3840 x 2160 / 20 fps x 4 streams, max. 8192 bit/s  The screen layout: 3840 x 2160 / 30 fps, 1920 x 1080 / 60 fps; 4-screen layout: 3840 x 2160 / 20 fps, 32-screen layout: 3840 x 2160 / 20 fps, 32-screen layout: 3840 x 2160 / 20 fps, 32-screen layout: 1920 x 1080 / 20 fps	Item no.	FDF2312W-IP
Product line  DuraVision  Areas of application  IP decoder solutions, Video surveillance, Control rooms  SCREEN  Screen size [in inches]  Screen size [in inches]  Screen size [in cm]  58.4  Format  16.9  Viewable image size (width x height)   509,1 x 286,4	Case color	Black
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SCREEN  Screen size [in inches] 23  Screen size [in cm] 58,4  Format 16.9  Viewable image size (width x height) 509,1 x 286,4 [in mm] 1920 x 1080 (Full HD)  Pixel pitch [in mm] 0,265 x 0,265  Panel technology IPS  Max. viewing angle horizontal 178  Max. viewing angle vertical 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]  Backlight LED  IP DECODING  Video decoding H.265, H.264, MJPEG, MPEG2-TS), UDP (MPEG2-TS)  Number of simultaneous streams 3840 x 2160 / 20 fps x 4 streams, max. 8192 bit/s  Display performance 1-screen layout 3840 x 2160 / 20 fps, 1920 x 1080 / 60 fps; 4-screen layout 3840 x 2160 / 20 fps, 1920 x 1080 / 60 fps; 4-screen layout 1280 x 720 / 15 fps  Maximum output signal 1920 x 1080 / 60 Hz  Layouts sequential screen lock, custom, corridor format, 3x3, 4x4, 4x6, rotating, 1x1, 2x2  Supported transfer protocols Axis VAPIX, Panasonic/i-PRO, RTSP, ONVIF Profile S  VMS support Consumption [in 49 (at maximum brightness with all signal inputs and Maximum Power Consumption [in 49 (at maximum brightness with all signal inputs and Maximum Power Consumption [in 49 (at maximum brightness with all signal inputs and Maximum Power Consumption [in 49 (at maximum brightness with all signal inputs and Maximum Power Consumption [in 49 (at maximum brightness with all signal inputs and Maximum Power Consumption [in 49 (at maximum brightness with all signal inputs and Maximum Power Consumption [in 49 (at maximum brightness with all signal inputs and Maximum Power Consumption [in 49 (at maximum brightness with all signal inputs and Maximum Power Consumption [in 49 (at maximum brightness with all signal inputs and Maximum Power Consumption [in 49 (at maximum brightness with all signal inputs and Maximum Power Consumption [in 49 (at maximum brightness with all signal inputs and Maximum Power Consumption [in 49 (at maximum brightness with all signal inputs and	Product line	DuraVision
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Viewable image size (width x height)    In mm    1920 x 1080 (Full HD)	Screen size [in cm]	58,4
In mm   Ideal and recommended resolution   1920 x 1080 (Full HD)	Format	16:9
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Max. viewing angle vertical       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       LED         Video decoding       H.265, H.264, MJPEG         Streaming protocols       RTP (H.265, H.264, MJPEG, MPEG2-TS), UDP (MPEG2-TS)         Number of simultaneous streams       3840 x 2160 / 20 fps x 4 streams, max. 8192 bit/s         Display performance       1-screen layout: 3840 x 2160 / 30 fps, 1920 x 1080 / 60 fps; 4-screen layout: 1920 x 1080 / 20 fps; 1920 x 1080 / 60 fps; 16-screen layout: 1920 x 1080 / 20 fps; 32-screen layout: 1280 x 720 / 15 fps         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, Millestone Systems, Siemens, Genetec (max. 16 streams), Accellence Technologies, Mobotix         Management support       SNMP v1, v2c         IP address filter       ✓	Panel technology	IPS
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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  ELECTRICAL DATA  Maximum Power Consumption [in 49 (at maximum brightness with all signal inputs and	Maximum output signal	1920 x 1080 / 60 Hz
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Maximum Power Consumption [in 49 (at maximum brightness with all signal inputs and	IP address filter	<b>✓</b>
Maximum Power Consumption [in 49 (at maximum brightness with all signal inputs and	ELECTRICAL DATA	
	Maximum Power Consumption [in	
Power consumption with power 0 switch off [in watts]		0
Power supply AC 100-240V, 50/60Hz	Power supply	AC 100-240V, 50/60Hz

FEATURES & OPERATION	
Web API for configuration and operation	<b>✓</b>
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	
LAN/RJ-45	✓
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
DIMENSIONS & WEIGHT	
DIMENSIONS & WEIGHT  Dimensions (incl. stand) (width x	547.2 x 411.3 x 157
height x depth) [in mm]	
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
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
SOFTWARE & ACCESSORIES	
Other box contents	Manual via download, Power cord, Quick guide
WARRANTY	
Warranty periode	2 years
Warranty type	24/7



## DuraVision FDF2312W-IP

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