



FDF2711W-IP

Your advantages

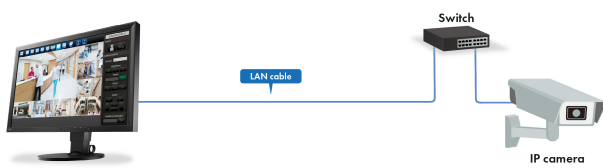
The DuraVision FDF2711W-IP displays video streams transmitted over a network without the need for a computer. Neither software nor other hardware is required for the Full-HD decoding monitor. This means a simple installation and low maintenance, while also saving time and effort. The IP decoding platform of the 27-inch screen decodes H.265 (HEVC), H.264 and MJPEG codecs in real time. This offers the advantage of high frame rates, even with high-resolution video streams over multiple channels. 16 Full-HD video feeds (1920 x 1080) can even be shown simultaneously at a stable frame rate of 20 fps (frames per second). With the DuraVision FDF2711W-IP it is possible to register up to 48 IP cameras that support RTSP as well as ONVIF Profile S, Axis VAPIX and Panasonic protocols. Users can easily adjust the arrangement of video streams thanks to the user-friendly web user interface and can simultaneously display up to 32 streams. An HDMI port enables users to connect a second monitor with a resolution up to Full HD that can also be used for IP video feeds via FDF2711W-IP.

- ✓ Connection of IP surveillance cameras and IP video streaming without a PC
- ✓ Powerful decoding technology for up to 48 streams
- ✓ Simple to make changes to settings and react to events via the web interface and API
- ✓ Live data is protected
- ✓ Supports camera protocols: ONVIF, Panasonic and Axis VAPIX
- ✓ Supports RTSP control
- ✓ HDMI port for a second Full HD monitor

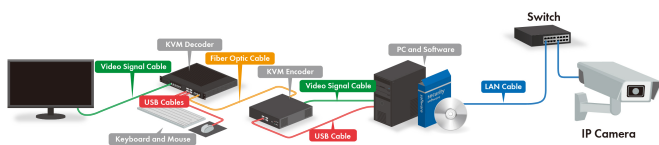
Features

Integrated solution

The DuraVision [Model] can be connected to an IP camera or a switch and directly streams video content. Neither a computer nor a software programme are required to operate the 1920 x 1080 (Full HD) monitor, which makes installation significantly easier and also saves time and effort. Sources of errors and security risks, which can result from a traditional configuration, are also eliminated, as the technical work required to manage sensitive visual data is significantly reduced.



IP decoding monitor



Conventional monitor

Video decoding

The DuraVision FDF2711W-IP can decode H.265 (HEVC), as well as H.264 and MJPEG codecs, displaying them in real-time in order to assess any situation quickly. The decoding technology also ensures a high fps (frames per second) for displayed content, even when streaming high-resolution video data. For example, 16 Full HD (1920 x 1080) video feeds displayed simultaneously on a single monitor consistently achieve 20 fps.



Examples of frame rates for different resolutions.

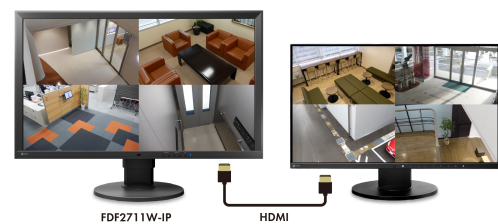
VMS-independent fallback solution

VMS forms the basis for reliable video playback in modern VSS solutions. Even though the platform is protected from foresee-

able events thanks to server redundancy, the VMS solution that establishes a connection to the operators via a client should be seen as a critical point. If this system comes under attack or is disabled, the IP decoding solution which operates independently of the VMS can provide a redundant solution. To achieve this, it is simply connected directly to the surveillance cameras, the network connection of which continues to operate.

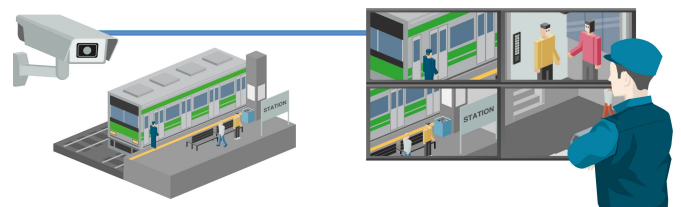
Multi-monitor configuration

The DuraVision FDF2711W-IP features a HDMI port that enables connection to a second monitor with a resolution up to Full HD (1920 x 1080). This multi-monitor environment allows the user to flexibly manage videos from the same network source via two screens.



Live streaming directly from IP cameras

Videos can be streamed live through the direct IP camera connections without a decentralised recording solution such as edge recording or cloud archiving with the DuraVision FDF2711W-IP. This creates a solution for scenarios that require live streaming, but for which storing the recorded images is not possible or needs to be prevented.



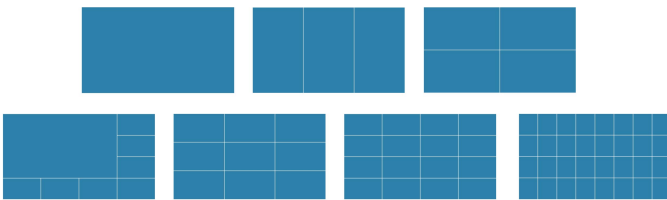
Sequential lock

When using the sequential image display setting, users can select an image to remain static, even through page changes. This allows operators to keep eyes on a single focus point while maintaining a coverage in several other areas.

Features

Adjustable screen layout

You can easily adjust the layout of the video streams with seven default options, displaying up to 32 video images via the user-friendly web UI. The flexible arrangement of screens on each monitor in a custom layout also allows you to fulfil individual viewing needs. By means of a custom layout, you can merge individual windows to focus on one specific area, or split them to see more than one on a single screen. Video feeds can be viewed in the original aspect ratio or stretched to fill the custom-created space.



Split screen view for 1 to 32 screens.

Privacy mask

The DuraVision FDF2711W-IP allows users to assign static privacy masks for live viewing environments. The privacy mask is applied directly to the image displayed on the monitor without altering the source stream. This ensures operators can reliably monitor activity while observing necessary privacy rules and regulations, while the original data can remain securely stored separately. Multiple privacy masks per stream can be applied and their size, shape, and colour are customizable to suit the image being displayed.



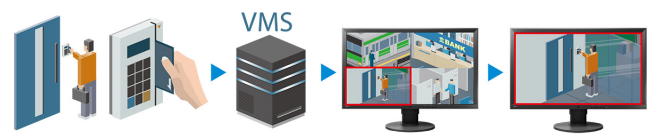
Examples of privacy masking at ATMs include 1. a concealed bankcard and 2. a concealed keypad.

Secure network communication

The DuraVision FDF2711W-IP supports HTTPS protocol to ensure authenticated access for secure communication over a network.

Customisable event response

The web API supports user-defined integration with the local VMS. Event and alarm monitoring can be communicated from the VMS to the IP decoding solution and triggered there by a predefined action. The DuraVision Variable unbekannt then seamlessly adapts the display or settings.



For example, a notification regarding access using a key card can be sent directly to the VMS. The DuraVision Variable unbekannt then expands the display.

Functionality with leading VMS

EIZO works with pioneers in the security and surveillance industry to ensure technical compatibility and functional support with various VMS (video management systems).



Secure investment with support for over 250 cameras

The DuraVision FDF2711W-IP supports cameras with ONVIF Profile S, Axis VAPIX and Panasonic protocols for flexible installation and guaranteed interoperability with a wide range of products. A direct connection via RTSP is also available.

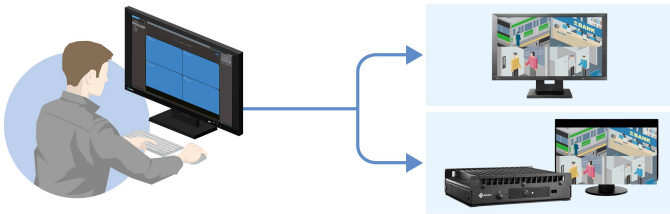
[Further information on camera compatibility can be found here.](#)



Features

Genetec Security Centre plug-in

EIZO and Genetec collaborated to design a plugin that fulfils many sought-after end user requirements for security systems across the world. By integrating the Genetec™ Security Centre video wall framework, users can easily setup and manage EIZO's DuraVision IP decoding monitors and IP decoding box remotely. Using the Security Centre interface, operators can simply drag and drop the video feed from registered cameras to the desired position and the settings will be automatically reflected on the target monitor. The number and layout of the video feeds can also be easily configured on the same screen. DuraVision IP decoding solutions can also respond to dynamic instructions from Security Centre when specific events occur, such as expanding the screen in response to unauthorised access.



The camera position and video layout of IP decoding solutions can be managed via the Genetec Security Centre.

Register up to 48 IP cameras

Up to 48 different IP cameras, including 4K cameras, can be registered with the DuraVision FDF2711W-IP box via the intuitive Camera Registration List (web UI). Cameras can be discovered automatically or registered manually, while individual settings are easily managed from a central location.



Connect up to 48 IP cameras to the DuraVision FDF2711W-IP through a network switch.

Upgraded functionality by means of firmware updates

EIZO's in-house development team continues to integrate upgraded features and functions in its IP decoding solutions by means of scheduled firmware updates. By further developing these innovative updates in-house, EIZO is able to provide its

customers with the latest functionality and technical support with the utmost efficiency and reliability.

Download the latest firmware (will follow soon).

More features and functionalities are available with the optional Enterprise licence

Expanded functionalities and features are available in the optional Enterprise licence to fulfil specific environmental or application requirements. This includes the LDAP protocol, for example.

Further information on the Enterprise licence will be made available shortly.

Flexible and simple installation

VESA attachment

The DuraVision FDF2711W-IP can be mounted to the wall or ceiling and can therefore be simply installed in a variety of different places.

Integrated power supply unit

Thanks to the integrated power supply only one power cable is required. This helps to keep the installation area neat and tidy.

Protection against theft

The monitor features a bracket for a security lock to protect the monitor against theft using a wire rope, for example.

24/7 use guaranteed

The IP decoding solution is designed for zero-maintenance operation around the clock and is protected from unauthorised access. It does not require virus scanners, security updates, operating system maintenance or licences. This reduces maintenance expenditure considerably and prevents unnecessary downtimes as well as costs. The solution has been designed for round-the-clock use and boasts exceptional reliability. Furthermore, EIZO provides a two-year warranty.

Specification

General

Item no.	FDF2711W-IP
Case colors	Black
Solutions	Industry, Video surveillance systems
Product line	DuraVision

Display

Screen size [in inches]	27
Screen size [in cm]	68,6
Visible Size Diagonal [mm]	686
Format	16:9
Viewable image size (width x height)	597,6 x 336,2
Ideal and recommended resolution	1920 x 1080 (Full HD)
Panel technology	VA
Max. viewing angle horizontal	178 °
Max. viewing angle vertical	178 °
Number of colors or grayscale	16.7 million colors (RJ-45, 8 Bit), 16.7 million colors (HDMI, 8 Bit)
Max. brightness (typical) [in cd/m²]	350
Max. dark room contrast (typical)	3000:1
Typical response time [black/white/black alternation]	7 ms / 5 ms
Backlight	LED

IP-Decoding

Video compression	H.265, H264, MJPEG
Number of simultaneous streams	3840 x 2160 / 20 fps x 4 streams, max. 8192 bit/s
Display Performance	[H.265/H.264] 1 x 3840x2160 / 30 fps 4 x 3840x2160 / 20 fps 9 x 1920x1080 / 25 fps 16 x 1920x1080 / 20 fps 32 x 1280x720 / 15 fps [MJPEG] 640x480 / 30fps
Signal Output	HDMI
Maximum Output Signal	1920 x 1080 / 60 Hz
Layouts	1x1, 2x2, 3x3, 4x4, rotating, corridor format, user-defined

Features

OSD language	de, en, fr, es, it, se, ja, zh
USB specification	USB 2.0
USB downstream ports	2 x type A
Network connection	RJ-45
LAN Standards	IEEE802.3ab (1000BASE-T), IEEE802.3u (100BASE-TX)
Supported Transfer Protocols	ONVIF Profile S, RTSP, Axis VAPIX, Panasonic
Audio Output	3.5 mm stereo jack
Built-in speakers	✓

Electric data

Maximum Power Consumption [in watt]	59
Power Consumption Off [in watt]	0
Power Supply	AC 100-120 V / 200-240 V, 50/60 Hz
Integrated power unit	✓

Dimensions & Weights

Dimensions [mm]	640 x (404,5–554,5) x 245
Weight [in kilograms]	9,9
Dimensions Without Stand [mm]	640 x 379 x 65
Weight Without Stand [in kilograms]	7,1
Hole Spacing	VESA standard 100 x 100 mm
24/7 operation	✓

Certification & Standards

Certification	CB, CE, cTÜVus, FCC-A, CAN ICES-3 (A), TÜV/S, VCCI-C, EAC, RCM, RoHS, WEEE
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Software & Accessories

Additional Supply	Quick guide, Manual via download
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Warranty

Warranty and service	2 years
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