



FDF2711W-IP

Your advantages

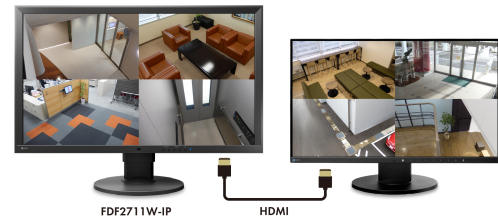
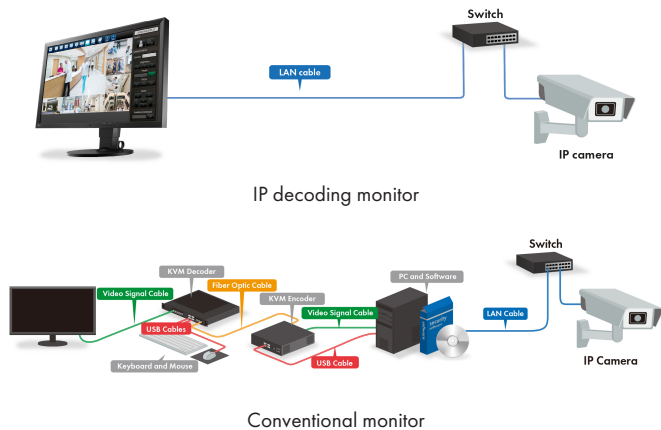
The DuraVision FDF2711W-IP displays video streams transmitted over a network without the need for a computer. Neither software nor other hardware is required for the Full-HD decoding monitor. This means a simple installation and low maintenance, while also saving time and effort. The IP decoding platform 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

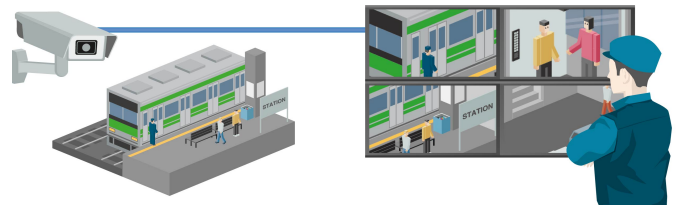
Integrated solution

The DuraVision FDF2711W-IP 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.



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.



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.



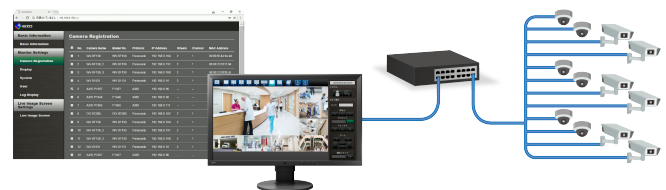
Examples of frame rates for different resolutions.

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.

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.

VMS-independent fallback solution

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

Features

Secure investment with support for over 250 cameras

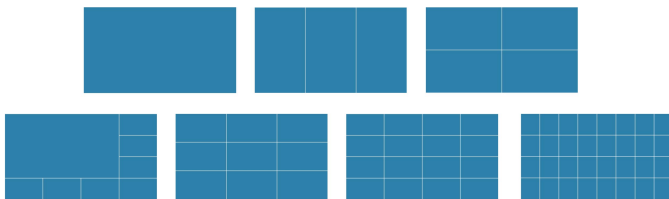
The DuraVision FDF2711W-IP supports cameras with ONVIF Profile S, Axis VAPIX and Panasonic protocols for flexible installation and guaranteed interoperability with a wide range of products. A direct connection via RTSP is also available.

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



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.



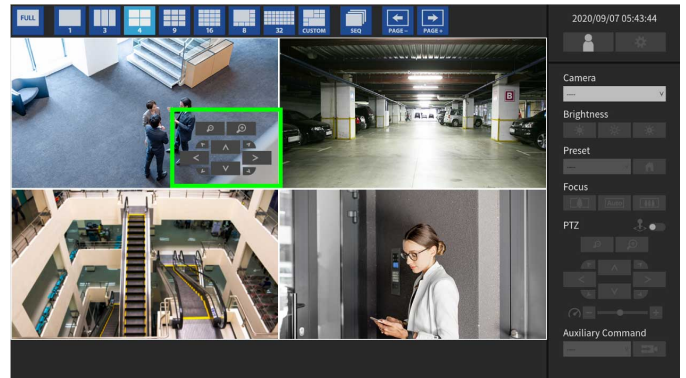
Split screen view for 1 to 32 screens.

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.

Intuitive PTZ control of cameras

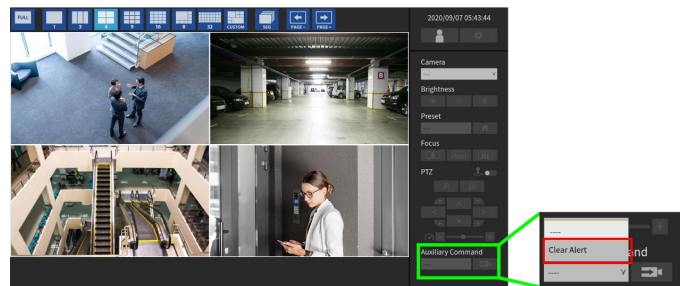
PTZ settings can be adjusted directly via buttons in the respective image view of the camera instead of using separate camera settings. This intuitive user interface optimises operation and guarantees efficient monitoring.



Direct control of the PTZ camera for the selected stream.

Sending commands to network devices

Users can send HTTP commands manually from the live-stream view directly to the IP monitor or network device via a notification window. This can be used to operate a door lock or switch off an alarm and reset to the original display status, for example.



Operation via USB interface

The FDF2711W-IP is equipped with two USB downstream ports, to which you can connect a USB mouse, keyboard or joystick to control the user interface or web UI. However, USB storage devices are not supported, which prevents unwanted access and data transfers.



Features

Functionality with leading VMS

EIZO collaborates with leading security and surveillance solution providers to ensure technical compatibility and optimised functionality with various video management systems (VMS).

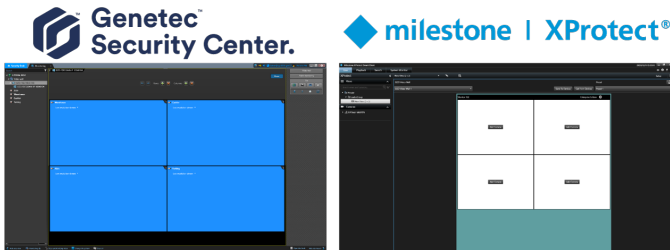


Demand-driven development of plug-ins

EIZO collaborates with leading VMS manufacturers for plug-in development to meet user-specific requirements. By integrating with widely used VMS structures, customers can easily set up, manage and control EIZO's IP decoder solutions via the central VMS platform.



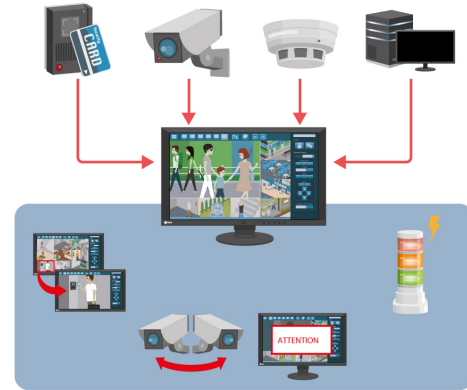
Left: Remote control of the monitors, Middle: Convenient enlargement of camera images via drag-and-drop, Right: Automatic layout adjustment of the monitor after an action



Customisable Event response

The FDF2711W-IP can be integrated into security systems via a web API. The API is used to communicate and respond to alarms in the security network. An alarm from an IP camera or a VMS (video management system) to the IP decoding solution can trigger actions, such as changes to the layout, text overlays, audio activation, camera adjustment, data masking or a variety of other functionalities. The API allows you to flexibly connect a series of notification systems from IP cameras, VMS, access control systems and other devices and applications that support alarm functionalities.

EIZO works closely with security system providers and end-users to customise Alert-to-Action for each environment.



EIZO IP decoder solutions allow Alert-to-Action to be customised for individual environments.

Secure network communication

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

Masking and virtual limitations

The DuraVision FDF2711W-IP allows users to set up static masks (privacy masks) and virtual limitations in live-streaming environments. The masking ensures that environments can be monitored reliably while also complying with the necessary data privacy provisions. Virtual limitations are helpful if actual limitations would potentially otherwise be difficult to recognise or follow. Up to ten objects can be used simultaneously per stream and their size, shape and colour can be adjusted. The source data stream is unaffected by this. Reliable monitoring is data protection compliant, while the original data can be stored separately.



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



Example of a virtual line that limits the monitoring area of a road.

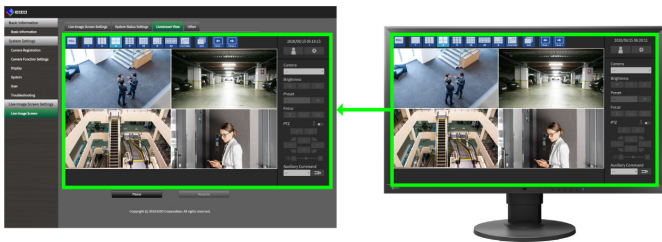
Features

Enterprise licence

The optional Enterprise licence activates a host of other functionalities and features to fulfil particular requirements. For more information on licensing, please contact EIZO.

Displaying remote live streams via the web UI

Live video streams displayed on monitors at designated operating workstations can be displayed in real time via the web UI. This means the live display is visible during configuration and can be checked without requiring you to visit the installation location.



The live stream view displays the current screen content of the selected IP decoding monitor.

Configuring the menu in the live display

The icon arranger functionality allows you to adjust the menu in the live display with pre-set icons of your choice. In addition, up to seven user-defined layout pre-sets can be saved and added to the live display menu.



Changes to the display options can be seen on the target monitor.

Access control and encryption that guarantees increased security

The LDAP protocol support ensures increased security and access control. Existing domains and approvals can be used with the IP decoding products. The AXIS SRTP (secure real-time protocol) is available for encrypted video streams from AXIS cameras.

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. EIZO provides a two-year warranty.



Creating environmental and social awareness

EIZO uses the FDF2711W-IP to showcase how image and product quality go hand in hand with responsible planning, material procurement and production. This intrinsic value enables you to make a safe investment in a modern and reliable IP decoding solution.

Features

Socially responsible production

The FDF2711W-IP is produced in a socially responsible way. It is free of child labour and forced labour. Suppliers along the supply chain have been carefully selected and they have also committed themselves to produce in a socially responsible way. This applies in particular to conflict minerals. We present a detailed report about our social responsibility annually and voluntarily.

[Read more about our corporate social responsibility](#)



ceased. The entire lifecycle takes into account the impact on the environment as the longevity of the product and the fact it can be repaired saves resources and protects the environment. When designing the FDF2711W-IP, we took a minimalistic approach to our resources by using high-quality components and materials, as well as a careful production process.



Environmentally and climate friendly

Each FDF2711W-IP is manufactured in our own factory, which implements an environmental management system in accordance with ISO 14001. This includes measures to reduce waste, wastewater and emissions, resource and energy consumption, as well as to encourage environmentally conscious behaviour among employees. We publicly report on these measures on an annual basis as a main component of our CSR report.



Sustainable and durable

The FDF2711W-IP is designed to have a long service life and normally outlasts the two-year warranty by some distance. Replacement parts are available many years after production has

Specification

General

Item no.	FDF2711W-IP
Case colors	Black
Areas of application	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)
Pixel pitch [mm]	0.311 x 0.311
Panel technology	VA
Max. viewing angle horizontal	178 °
Max. viewing angle vertical	178 °
Number of colours or greyscale	16.7 million colours (RJ-45, 8 Bit), 16.7 million colours (HDMI, 8 Bit)
Max. brightness (typical) [in cd/m ²]	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
Supported transfer protocols	ONVIF Profile S, RTSP, Panasonic, Axis VAPIX

Features & control

24/7 operation	✓
Built-in speakers	✓
OSD language	de, en, fr, es, it, se, ja, zh
Integrated power unit	✓

Ports

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)
Audio output	3.5 mm stereo jack

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

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

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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