



[→ Product Website](#)

23" Full HD IP decoding monitor

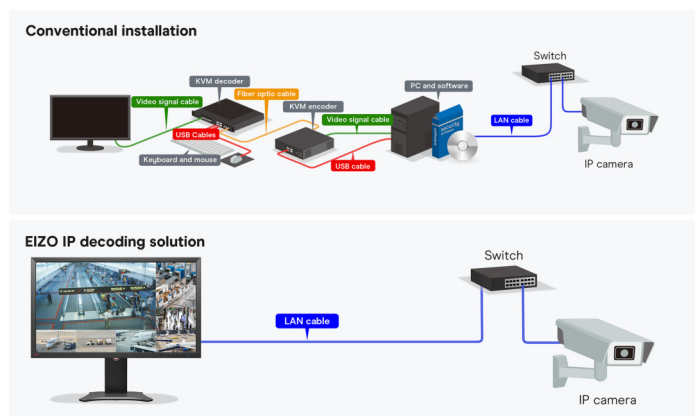
The DuraVision FDF2331W-IP displays video streams directly from the network and operates entirely without a PC. No additional software or external hardware is required, which simplifies setup and reduces operational overhead. This significantly lowers installation, maintenance, and labor costs. The integrated IP decoding platform of the 23-inch Full HD monitor decodes H.265 (HEVC), H.264, and MJPEG video streams in real time. Up to 16 IP cameras can be displayed simultaneously; in a 16-tile view, Full HD streams are possible at up to 15 fps, and with fewer streams, up to 60 fps. The FDF2331W-IP supports IP cameras via RTSP as well as the ONVIF Profile S, Axis VAPIX, Panasonic, and i-PRO protocols. Audio playback of camera signals is possible, as is output via built-in speakers or line-out. Configuration and layout customization are performed via a web-based user interface; features such as sequence display, PTZ, virtual PTZ, privacy masking, and virtual lines are available. USB storage devices cannot be connected to prevent unintended data leakage.

- ✓ Connection of IP surveillance cameras and IP video streaming without a PC
- ✓ Live display of up to 16 IP camera streams
- ✓ Stay informed quickly and effectively with Alert-to-Action
- ✓ Easy configuration via the web interface and API
- ✓ Protection of live data
- ✓ Support for camera protocols: ONVIF, Panasonic/iPro, and Axis VAPIX
- ✓ Support for RTSP control
- ✓ Audio support for various camera models

High-performance operation Without a computer

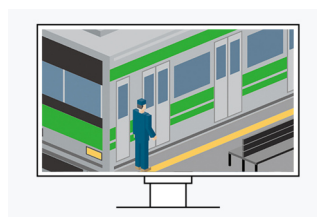
Integrated solution

The DuraVision FDF2331W-IP offers an efficient way to decode IP video streams directly and can be connected directly to the components in the video network without the need for additional hardware. This includes both the connected IP cameras and VM systems. This enables reliable and flexible integration into video surveillance systems. No computer, software, or other hardware is required for operation, which significantly simplifies installation and saves time and effort. Additionally, sources of error resulting from a conventional configuration are eliminated, as the technical effort is minimal.



Video decoding

The DuraVision FDF2331W-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, 4 Full HD (1920 x 1080) video feeds displayed simultaneously on a single monitor consistently achieve 60 fps.



3840 x 2160 / 30 fps



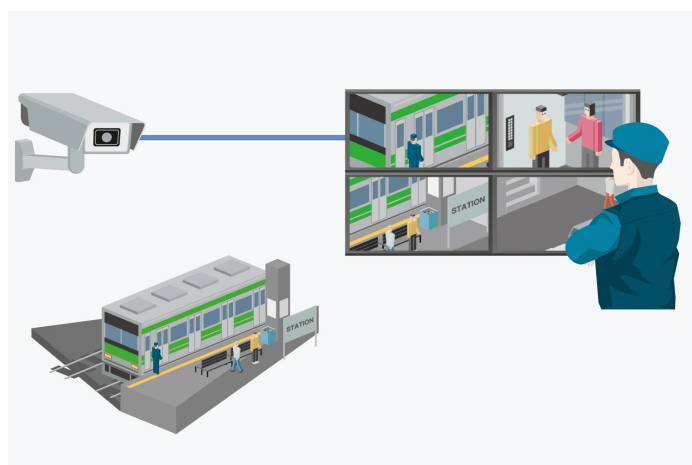
1920 x 1080 / 60 fps



1920 x 1080 / 15 fps

Live streaming directly from IP cameras

Connecting IP cameras directly to the DuraVision FDF2331W-IP facilitates the live streaming of video data without a decentralised recording solution, such as edge recording or cloud archiving. This offers the ideal solution for scenarios that require live streaming, but for which the storage of recorded images is not permitted.

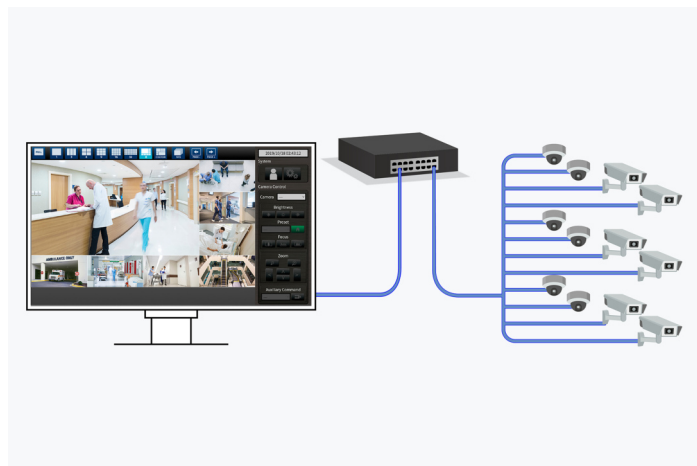


Audio Output from Cameras

Audio from IP cameras can be transmitted to the speakers and headphone output of connected monitors, enhancing situational awareness.

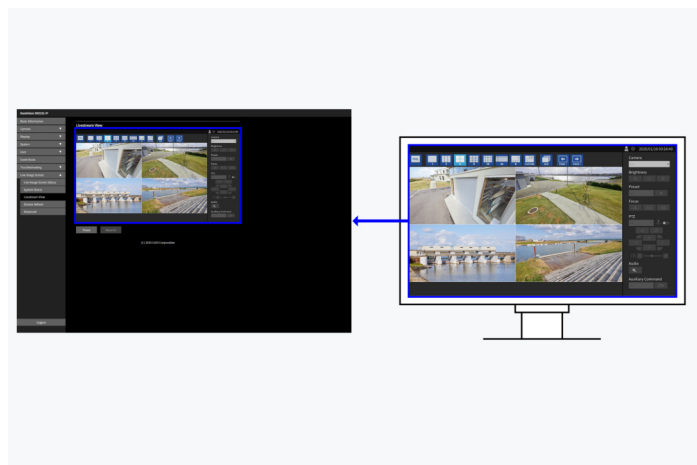
Supported codecs: OPUS, G711, G726, AAC

Supported protocols: ONVIF, AXIS, Panasonic, i-PRO, DirectURI (RTSP)



View remote live streams via the web UI

Live video streams displayed on remotely located monitors can be viewed in real-time (1fps) via the web UI so operators can check display status without needing to visit the installation site.



The live stream view remotely displays the image output from the IP decoding monitor or the IP decoding box.

Secure investment with support for over 300 cameras

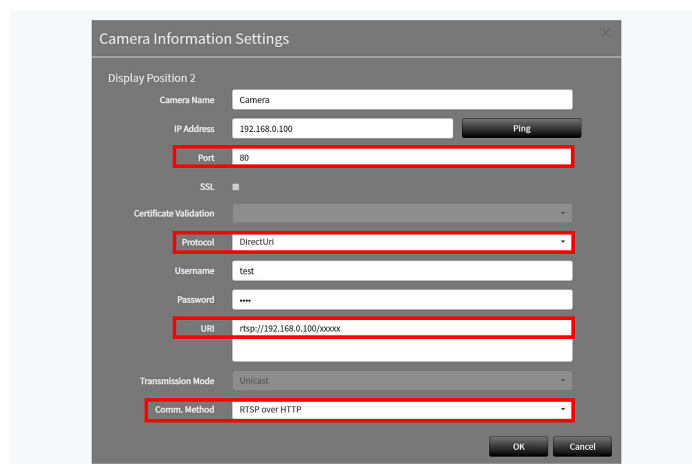
The DuraVision FDF2331W-IP supports cameras with ONVIF Profile S, Axis VAPIX and Panasonic protocols for flexible installation and guaranteed interoperability with a wide range of products. A direct connection via RTSP is also available.

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



Support for RTSP via HTTP/HTTPS

The IP decoder can receive a stream via HTTP or HTTPS and can therefore still communicate with the camera if Direct URI is selected, even if RTSP is blocked by a firewall or router.

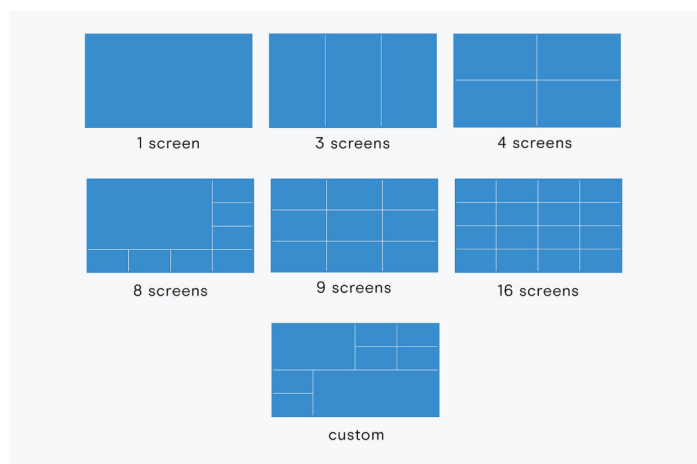


Easy to use

Features for greater comfort

Adjustable screen layout

You can easily adjust the layout of the video streams with seven default options, displaying up to 16 video images via the user-friendly web UI. In a two-screen solution, a layout extends across both monitors via a decoding box or decoding monitor. 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.



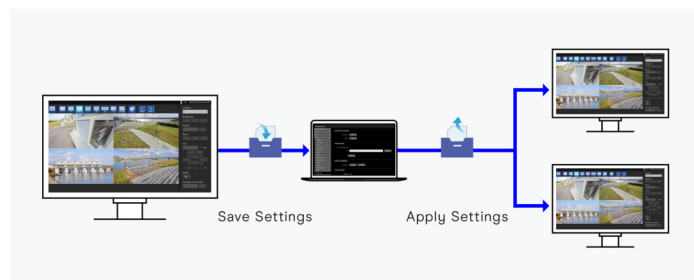
Sequential lock

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.

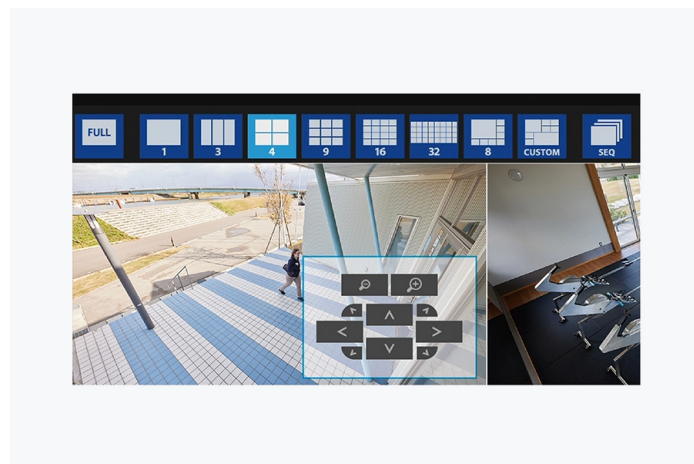
Share Settings Across IP Solutions

You can save the settings of a configured IP box or monitor and apply them to other IP boxes or monitors in your network.



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.



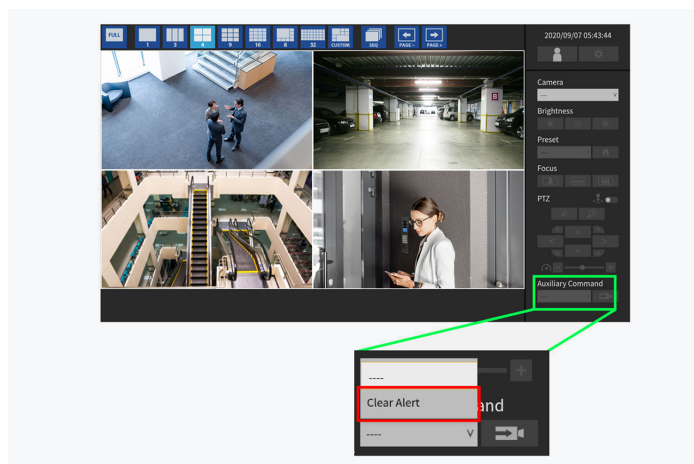
Virtual PTZ function

The virtual PTZ function allows an area of the displayed image to be digitally magnified for closer inspection. Once magnified, the image can be virtually panned up, down, left or right by the user in real time. This is useful when viewing video from cameras that are not equipped with PTZ functions.



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

You can connect a USB mouse, keyboard or joystick via a USB downstream port to control the user interface as an alternative to the Web UI.

However, USB storage devices are not supported, which prevents unwanted access and data transfers.

Integration in security systems

Highly compatible

ALERT-TO-ACTION

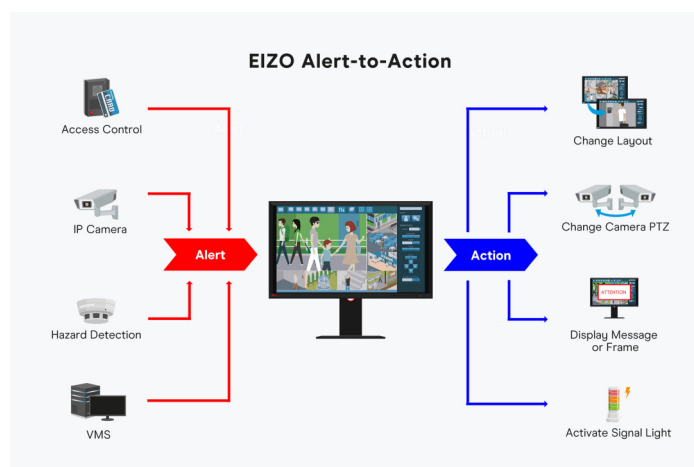
Integrated alarms via the network

IP decoding solutions support custom integration with local security systems through a web API to enable response to alarms over the network.

When an event occurs and an alarm is sent from IP cameras, access control, hazard detection, VMS or other systems, EIZO IP decoding solutions can respond with a predefined action, such as layout adjustment, message display, audio activation, camera adjustment, masking, power-on status and more. Actions can also be scheduled at a specific time, such as automatically changing the camera layout every Sunday at 16:00.

Linking and integrating into the workflow ensures that the most important information is displayed at the right time to react quickly to situations.

[Learn more about Alert-to-Action](#)



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).*

*Integration with Milestone XProtect and Octave requires a VMS license, which is sold separately.

[Learn more about integration with video management systems.](#)



Secure network communication

The DuraVision FDF2331W-IP supports HTTPS protocol to ensure authenticated access for secure communication over a network.

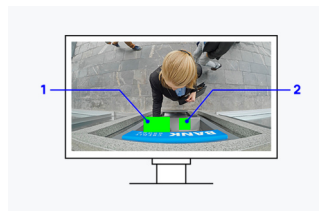
SNMP (Simple Network Management Protocol)

The FDF2331W-IP supports SNMP v1 and v2c, enabling communication with network management systems to exchange status and performance information.

Masking and virtual limitations

The DuraVision FDF2331W-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.



Privacy masks

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



Virtual limitations

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

Easy installation Reliable function

Flexible and simple installation

VESA attachment

The DuraVision FDF2331W-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.

Fan-less solution with low heat output

EIZO designed the monitor to prevent heat buildup, negating the need for fans, by implementing a unique, low power consumption design and using cutting-edge thermo-fluid analysis. Proper heat management eliminates the risk of hardware failure or deterioration of internal components due to external air intake from fans, ensuring that the monitor can be used reliably for a long time.

Durability And reliability

DURABLE THANKS TO HIGH-END QUALITY

Two-year warranty

EIZO grants a two-year warranty. This is possible thanks to the highly developed production process based on a simple principle of success: sophisticated and innovative technology, made from high-end materials.



24/7 use

The FDF2331W-IP is built for 24-hour use and is characterised by maximum reliability.



TECHNOLOGY WITH CONFIDENCE

TAA and NDAA Compliance

Products in the security and technology sector must not originate from high-risk regions nor include restric-

ted surveillance or telecommunications technologies linked to security concerns. The DuraVision FDF2331W-IP is manufactured in Japan and is fully compliant with U.S. TAA (Trade Agreements Act) and NDAA* (National Defense Authorization Act) requirements.

*NDAA 2019 compliant

Secure Communication

Secure communication is supported through server certificates, and IP address filtering allows connections only from approved devices. In addition, EIZO defines a clear cybersecurity lifecycle policy, specifying vulnerability response periods and delivering regular firmware updates along with timely security information.

[FDF2331W-IP Cybersecurity Policy](#)

Sustainability Environmentally and socially conscious production

RESOURCE AND CLIMATE FRIENDLY

Sustainable and durable

The FDF2331W-IP is designed for a long service life that takes into account the entire lifecycle and impact on the environment. It is generally well above the five-year guarantee. Spare parts are available up to five years after the end of production. The monitor's long service life and the ability to repair it save resources and the climate. When designing the FDF2331W-IP we paid attention to reducing resource consumption by using high-quality components and materials and being meticulous in production.

FAIR CONDITIONS

Socially responsible production

The FDF2331W-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.

CERTIFIED AND TRANSPARENT

Environmentally conscious production

Each FDF2331W-IP is manufactured in our own factory, which implements an environmental and energy management system in accordance with ISO 14001 und ISO 50001. This includes measures to reduce waste, wastewater and emissions, resource and energy consumption, as well as to encourage environmentally conscious behavior among employees. We publicly report on these measures on an annual basis.



CONSERVING RESOURCES

Environmentally conscious use of materials

The FDF2331W-IP is made of more than 0% recycled plastic. This reduces the amount of plastic waste entering the environment, conserves resources and promotes the reuse of materials.

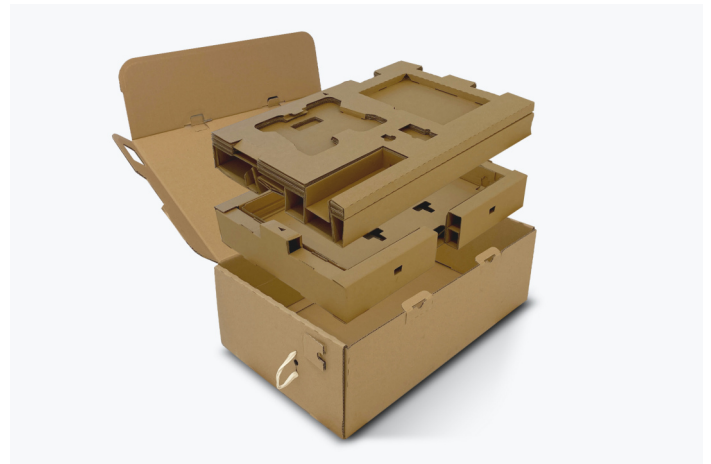
Reducing the use of volatile organic compounds (VOCs) in material production, such as those found in certain paints and varnishes, is also of global interest.

Through years of research, EIZO has succeeded in achieving a smooth, nearly homogeneous color and texture in its monitor housings without the use of varnish.

FOCUS ON THE ENVIRONMENT

Sustainable packaging

EIZO is committed to reducing its environmental impact by transitioning away from plastic and other environmentally unfriendly materials in product packaging.



SUSTAINABLE DEVELOPMENT GOALS

Our Contribution to SDGs

As part of its sustainability initiatives, EIZO is contributing towards the United Nations' Sustainable Development Goals (SDGs).

[Learn more about EIZO's sustainability initiatives here.](#)

Industry, Innovation, and Infrastructure

DuraVision products offer a range of visual solutions for facilities that are essential to people's daily lives, such as hospitals, businesses, airports, factories, public transportation hubs, and many more. We continue to support safety, industrial, and other activities with robust product design, manufacturer's warranty, and customer services.

Environmentally conscious

Our products for industrial environments are designed to increase energy efficiency in order to reduce power consumption and greenhouse gas emissions, while ensuring the high performance and functionality that users in every industry require. We also rely on a responsible recycling system.

[Learn more.](#)



Technical Data

GENERAL

Item no.	FDF2331W-IP
Case color	Black
Areas of application	Video surveillance, Industry
Product line	DuraVision
Areas of application	IP solutions, Video surveillance, Control rooms
EAN	4995047072478

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

Device type	Decoder + Monitor
Video decoding	H.265, H.264, MJPEG
Audio decoding	AAC, Opus, G711, G726
Streaming protocols	RTP (H.265, H.264, MJPEG, MPEG2-TS), UDP (MPEG2-TS)
Number of simultaneous streams	16
Registerable cameras	16
Decoding performance	4-screen layout: 3840 x 2160 / 15 fps, 1920 x 1080 / 60 fps, 16-screen layout: 1920 x 1080 / 15 fps, 1-screen layout: 3840 x 2160 / 30 fps, 1920 x 1080 / 60 fps
Maximum bitrate [kbps]	8192
Layouts	custom, 7+1, 3x3, 4x4, 1x1, 2x2, 1x3
Supported transfer protocols	Axis VAPIX, Panasonic/i-PRO, RTSP, ONVIF Profile S
VMS support	Octave*, Milestone XProtect*, Genetec, Accellence Technologies, (*optionale Lizenz benötigt)
Management support	SNMP v1, v2c
IP address filter	✓

SOFTWARE & ACCESSORIES

Other box contents	Power cord, Manual via download, Quick guide
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FEATURES & OPERATION

LAN/RJ-45	✓
Web API for configuration and operation	✓
PTZ control incl. presets	✓
Communication protocols	DHCP, DNS, HTTP, HTTPS, LDAP, NTP, RTP, RTSP, SNMP, IEEE802.1X
Privacy mask and virtual line	✓
Alert-to-Action	✓
Software version	System software V7.x
Issue commands to network devices	✓
Optional features (licence required)	VMS support
24/7 operation	✓
Built-in speakers	✓ (2 Watt / 1 + 1 Watt)
On-screen menu languages	jp, de, en
Integrated power unit	✓

CONNECTIONS

Signal inputs	RJ-45 (IP-Video)
USB specification	USB 2
USB downstream ports	2x type A
Network connection	RJ-45
LAN standards	IEEE802.3u (100BASE-TX), IEEE802.3ab (1000BASE-T)
Audio / headphone output	3.5 mm stereo jack

ELECTRICAL DATA

Maximum Power Consumption [in watts]	48 (at maximum brightness with all signal inputs and USB ports in use)
Power consumption with power switch off [in watts]	0
Power supply	AC 100-120 V / 200-240 V, 50/60 Hz

DIMENSIONS & WEIGHT

Dimensions (incl. stand) (width x height x depth) [in mm]	546 x 391,3 x 205
Weight (incl. stand) [in kg]	6
Dimensions (without stand) (width x height x depth) [in mm]	546 x 326 x 61
Weight (without stand) [in kg]	4.4
Tiltability forwards/backwards [in °]	0 / 30
Hole spacing	100 x 100

CERTIFICATION & STANDARDS

Operating temperature	0 - 40 °C / 20-80 % (R.H., non condensing)
Certification	CE, UKCA, CB, RCM, cTÜVus, FCC-A, CAN ICES-3 (A), PSE, VCCI-A, RoHS, WEEE, China RoHS, CCC, BIS

WARRANTY

Warranty periode	2 years
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