



PRODUCT DATA SHEET
MODEL : OPTIER DIGITAL IP VIDEO RECORDER WITH 4-CHANNEL MONITOR, POE POWER SUPPLY

Video signal type	IP
Camera support	upto 8MP
Number of channels	4c hannels
HDD support	There is
Protocol support	ON VIF, FTP, SMTP, TCP-IP, DHCP
Compression format	H.265
Video inputs	RJ-45
Screen diagonal	11.5"(29cm)
Interfaces	HDMI, RJ-45, USB, 3.5mm jack
Control	Web interface, mouse, PC program
Operating temperature	-10°C + 60° C
Nutrition	48V, 52V
Color	white
Body material	plastic
Motion detection	There is
Remote access	There is
Sound recording	There is
View on PC	There is

Notification	Email
PoE technolog	There is
Video analytics	motion detection, person detection
Video analytics	motion detection, person detection
Application	XMeye
Additionally	Monitor, speaker, motion detection, loop recording, audio recording, scheduled recording, event recording, ONVIF, POE power supply, online viewing, human detection, remote access

The Optier digital IP video recorder with an 11.5-inch screen and speakers is a modern solution for home and office video surveillance. It features a bright 29 cm display, providing a clear and detailed live camera feed. Its 11 cm-wide design fits easily on a desk or shelf, taking up minimal space. A built-in 2.5-inch SATA hard drive bay allows for long-term storage, while PoE (Power over Ethernet) support simplifies connecting up to four IP cameras via standard 8-wire twisted pair cables. This recorder is ideal for both continuous recording and event-based recording, such as motion detection. This feature optimizes hard drive space and focuses on only the most important moments. Cameras up to 8 megapixels can be connected via Ethernet ports, ensuring stable data transfer and reliable power supply. The recorder also easily integrates into a facility's existing network infrastructure via a dedicated RJ-45 port using a patch cord. One of the device's key advantages is its built-in P2P protocol support, allowing for quick remote connection. This eliminates the need to configure complex network settings or use a static IP address. Access to the video stream is available via a mobile app or computer program, making video surveillance system management convenient and accessible even for inexperienced users. This functionality is especially useful for owners of home surveillance system or small offices. The recorder's design and versatility make it ideal for a variety of applications. Its compact size allows for use in confined spaces while maintaining the aesthetics of the interior. High-quality recordings and flexible settings ensure reliable monitoring of events. Thanks to modern technology and a thoughtful design, this recorder will become a reliable assistant in setting up an effective digital video surveillance system.

Support for POE cameras : POE is a technology for transmitting video and power to cameras via Ethernet cable. Connections are made via RJ-45 connectors and plugs. This recorder has a built in router and four ports for connecting POE cameras, which distinguishes it from a standard IP recorder, which requires a separate router for connecting to cameras. However, a network switch allows for the connection of up to 10 IP cameras with a resolution of up to 8 MP.

Support for Android and iOS mobile platforms : When connected to the internet (via an Ethernet cable with an RJ-45 connector), you can monitor your property from anywhere in the world using your phone, laptop, or computer.

H265 compression : While maintaining high image quality, it has a smaller video stream size compared to the H.264 codec. Due to efficient encoding, memory savings can reach 50%.

FTP recording : It's possible to record alarm videos to an FTP server, which can be deployed on most modern Windows computers! Storing recordings this way is like free cloud storage. The user only needs to set up the FTP function on the computer once and keep it running whenever recording is needed (a hard drive in the DVR is required).

Remote viewing via a web interface or VMS software on a PC : Real-time monitoring or access to archived recordings if the recorder has a hard drive installed. Image output to a monitor or screen via analog, VGA, or HDMI interfaces

Backup : Backups can be made via a USB interface to a portable drive or storage device, or by downloading the necessary files over the network to a computer or mobile device. Storage. Information is processed and stored on a hard drive (not included) built into the enclosure. A special format is used to protect the information

PTZ support : The following functions are available: direction control, zoom, focus, iris adjustment, point-to-point patrol, reference patrol, boundary scan, auxiliary switch, light switch, rotation level, etc.

Real-time monitoring : Displaying images on a dedicated 29 cm diagonal screen saves on the cost of a monitor and space required for installation.

Motion detection : The kit enables recording in motion detection mode. This feature saves hard drive space. So, instead of a week of continuous recording, a motion activated video archive can contain a month (or more) of video data. The menu allows you to configure motion detection for each channel individually, as well as set the following parameters: threshold, detection area, sensitivity, period, interval, post-recording (the duration of recording after detection), on-screen alarm display, and email alert notification.

On site alarm notification : These packages allow you to configure protected zones where, upon detection of motion, the system will trigger an alarm by displaying it on the monitor, sounding an alarm, or sending an alert email.

Equipment

1. Video recorder- 1 pc
2. Poweradapter AC 220V-DC 48V- 1 pc
3. Optical mouse- 1pc
4. User manual- 1 pc