

BOSCH DDN-3532-212N00



DESCRIPTION

DIVAR network 3000 recorder

Connect this recorder to a maximum of 32 IP cameras that use the latest H265/H264 high-resolution video technology and state-of-the-art compression techniques. These advanced technologies, coupled with efficient network data transmission, deliver the high security and reliability required for modern surveillance systems. Simultaneous remote or local monitoring, recording, archive and playback functions are guided by simple menu selections and operator commands. The recorders can be installed with a maximum of 2 internal HDDs for video storage. Another option is a single HDD for storage, plus a DVD burner for video export.

Latest video compression technology

The DIVAR supports H.264 and H.265 video compression technology. This technology dramatically reduces bandwidth and storage requirements while still delivering superb image and audio quality. Equipped with this newest video technology, DIVAR gives you the full benefits of the latest high-resolution cameras. The proof is in the pixels.

Camera IP support

The recorder supports native camera integration with Bosch IP cameras which provides easy installation, configuration and maintenance options. This allows plug-and-play connectivity as the installer can connect and configure the cameras to the recorder without having to open every camera individually on a web client. For further configuration 3rd party cameras are supported through the ONVIF Profile S protocol.

Simultaneous record and view

The DIVAR records multiple video and audio signals while simultaneously providing live multi-screen viewing and playback. Comprehensive search and playback functions provide quick recall and viewing of recorded video. The DIVAR has a real-time display resolution of 1080p for 16 channels simultaneously, or 4K for 4 channels.

PoE+ switch

The recorders with a built-in PoE+ switch can supply power to a maximum of 16 connected cameras. Each camera automatically receives its IP address from the recorder for simple plug-and-play operation.

Simple operation

The DIVAR is very easy to install and use. Simply connect the cameras, apply power, and follow the simple Install Wizard steps for initial setup. The unit can then record automatically with no further intervention required.

DDNS

Bosch offers its customers free Dynamic Domain Name Services (DDNS) for access to network-connected devices via a friendly hostname without the need for costly static IP addresses. This makes it easier for uninterrupted access to important video from devices regardless of their location.

Alarms

All models have extensive alarm handling functions and telemetry control. Alarm functions include local inputs and relay outputs, plus motion detection in user-defined areas. If an alarm is detected, the DIVAR can:

- send an e-mail notification and/or FTP push
- sound a buzzer and/or display a warning
- activate local alarm output

Local control

The unit can be easily operated and programmed via the on-screen display menu system using:

- the supplied mouse
- the front panel control keys
- the supplied remote control
- push notification

Inputs and outputs

Video inputs, audio inputs/output, and alarm inputs/ outputs are located on the rear panel. Two video connectors (VGA/HDMI) provide simultaneous output for monitor A for live display (with zoom) and playback (display can be frozen and zoomed). The displays allow full-screen, multi-screen, and sequenced viewing.

Dome control

The DIVAR can control pan/tilt/zoom (PTZ) equipment using commands sent via IP connection. It also supports Focus, Iris and Aux commands for Bosch cameras.

Panoramic cameras

The DIVAR supports dewarping of Bosch panoramic cameras. The following modes are supported: pan/tilt/ zoom (PTZ), panoramic, corridor and quad. Dewarping in the camera can also be selected if the connected IP panoramic camera supports this.

Network control

Use the PC software or built-in web application via a network for live viewing, playback, and configuration.

Watermark

The DIVAR includes an authenticity check for both local and remote archives, ensuring recording integrity. An Archive Player is provided for playback of secure video files and to check if video is authentic.

Smartphone App

A DIVAR Viewer App from Bosch for iOS and Android devices is available for:

- live and playback viewing
- recorder configuration
- PTZ control

This means you can watch live video from cameras connected to the DVR from anywhere in the world. You can also control focus, pan, tilt and zoom on PTZenabled cameras. Furthermore, the smartphone App supports remot

TECHNICAL CHARACTERISTICS

Brand : BOSCH

Part number : DDN-3532-212N00

Caractéristiques :

Certification : EMC, LVD, UL, cUL, CAN/CSA, BIS, RCM, ACMA EMC, CE, UL, FCC

AC input frequency : 50-60 Hz

AC input voltage : 100-240 V

Alarm input channels : 4

Alarm output channels : 2

Audio RCA inputs : 1

Audio RCA outputs : 1

Bit rate : 24000 Kbit/s

DC-in jack : Y

Depth : 323 mm

Display modes : Live view

Ethernet LAN (RJ-45) ports : 1

Ethernet LAN data rates : 10,100,1000 Mbit/s

HDD capacity : 2000 GB

HDD interface : Serial ATA

HDMI output : Y

HDMI ports quantity : 1

Height : 53 mm

Input bandwidth : 320 Mbit/s

Maximum resolution : 3840 x 2160 pixels

Maximum storage capacity : 12 TB

Microphone in : Y

Multi-screen : Y

Networking standards : IEEE 802.3

Number of HDDs installed : 1

Number of HDDs supported : 2

Number of simultaneously playbacked channels : 16 channels

Number of users : 128 user(s)

On Screen Display (OSD) : Y

On/off switch : Y

Operating relative humidity (H-H) : -40 - 70%

Operating temperature (T-T) : 0 - 40 °C

Output bandwidth : 320 Mbit/s

Playback modes : Fast play, Forward, Frame by Frame, Reverse, Slow play

Power consumption (typical) : 8.7 W

Product colour : Black, Silver

PTZ control : Y

Recording modes : Manual, Schedule, Stop

RS-232 interface : Y

RS-232 ports : 1

RS-485 ports : 1

Sequence mode : Y

Storage relative humidity (H-H) : 0 - 95%

Storage temperature (T-T) : 0 - 93 °C

Supported network protocols : HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS/DDNS, IP Filter, PPPoE, FTP

Supported resolutions : 3840×2160, 1920×1080, 1280×1024, 1280×720, 1024×768

Sustainability certificates : RoHS

USB 2:0 ports quantity : 1

USB 3:2 Gen 1 (3:1 Gen 1) Type-A ports quantity : 1

VGA (D-Sub) output ports : 1

Video formats supported : H.264, H.265, M-JPEG

Video input channels : 32 channels

Video loss detection : Y

Video motion detection : Y

Video recording modes : 720p, 1080p

Weight : 3.8 kg

Width : 375 mm