

BOSCH DDN-2516-200N16



DESCRIPTION

Connect this recorder to a maximum of 16 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 8 channels simultaneously, or 4K for 2 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 displa (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.

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 PTZ-enabled cameras.

Furthermore, the smartphone App supports remote push notifications. In this way you are automatically notified if an alarm occurs on the device and can take immediate action, even if you are not actively monitoring the system at that moment.

TECHNICAL CHARACTERISTICS

Brand : BOSCH

Part number : DDN-2516-200N16

Caractéristiques :

Certification : FCC, UL, CE,
AC input frequency : 50 - 60 Hz
AC input voltage : 100 - 240 V
Audio RCA inputs : 1
Audio RCA outputs : 1
Built-in optical drive : N
DC-in jack : Y
Depth : 323 mm
Ethernet LAN (RJ-45) ports : 17
Ethernet LAN data rates : 10,100,1000 Mbit/s
HDMI ports quantity : 1
Height : 53 mm
Input bandwidth : 256 Mbit/s
Maximum resolution : 3840 x 2160 pixels
Maximum storage capacity : 6 TB
Mobile operating systems supported : Android, iOS
Networking standards : IEEE 802.3
Number of HDDs supported : 2
Number of simultaneously played channels : 16 channels
Number of users : 128 user(s)
On Screen Display (OSD) : Y
Operating relative humidity (H-H) : 0 - 93%
Operating temperature (T-T) : 0 - 40 °C
Output bandwidth : 128 Mbit/s
Power over Ethernet (PoE) : Y
Power over Ethernet (PoE) ports quantity : 16
Power over Ethernet (PoE) power per port : 25.5 W
Product colour : Black
PTZ control : Y
Recording modes : Manual, Schedule, Stop
Recording time : 120 min
RS-232 interface : Y
RS-232 ports : 1
RS-485 ports : 1
Storage relative humidity (H-H) : 0 - 95%
Storage temperature (T-T) : -40 - 70 °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 x 2160, 1920 x 1080, 1280 x 1024,1280 x 720, 1024 x 768
Sustainability certificates : RoHS
Total Power over Ethernet (PoE) budget : 115 W
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 : 16 channels
Video loss detection : Y
Video motion detection : Y
Video recording modes : 720p, 1080p
Weight : 3.8 kg
Width : 375 mm
Wi-Fi : N