

BOSCH NBN-50022-V3



DESCRIPTION

The 1080p HD indoor camera is a ready-to-use, complete network video surveillance system inside a compact and stylish housing. This camera brings Bosch's high-performance technology into the realm of homes, small office and retail businesses by offering a cost-effective solution for a broad range of applications.

The elegant, compact box design is ideal for homes, offices, businesses or shops where camera size and appearance is important. The camera has a 1/2.7-inch CMOS HD sensor and is a true day/night camera offering excellent performance day or night.

Content Based Imaging Technology

Content Based Imaging Technology (CBIT) is used to radically improve image quality in all lighting conditions and to identify areas for enhanced processing. The camera examines the scene using intelligent video analytics and provides feedback to re-tune the image processing. This provides better detail in the areas that matter and better all-round performance.

Intelligent Dynamic Noise Reduction reduces bandwidth and storage requirements

The camera uses Intelligent Dynamic Noise Reduction which actively analyzes the contents of a scene and reduces noise artifacts accordingly.

The low-noise image and the efficient H.264 compression technology provide clear images while

reducing bandwidth and storage by up to 50% compared to other H.264 cameras. This results in reduced-bandwidth streams that still retain a high image quality and smooth motion. The camera provides the most usable image possible by cleverly optimizing the detail-to-bandwidth ratio. The average typical optimized bandwidth in kbits/s for various image rates is shown in the table.

TECHNICAL CHARACTERISTICS

Brand : BOSCH
Part number : NBN-50022-V3
Représentation / réalisation :
Type : IP security camera
Vidéo :
Full HD : Y
Détails techniques :
Iris : Y
Plug and Play : Y
Certification : CE, FCC, UL, cUL, C-tick, CB, VCCI
AC input voltage : 24 V
Alarm input/output : Y
Alert notification type : E-mail, Text alert message
Audio formats supported : G.711
Audio system full duplex : N
Built-in microphone : Y
Cable length : 1 m
Cabling technology : 10/100Base-T(X)
Camera shutter speed : 1/25(30) - 1/15000 s
Camera shutter type : Electronic
Card reader integrated : Y
Compatible memory cards : SDHC, SDXC
Connectivity technology : Wired
Day/night mode : Y
DC output voltage : 12
Depth : 111 mm
Ethernet LAN : Y
Ethernet LAN (RJ-45) ports : 1
Flip & mirror : Y
Focal length range : 3.3 - 12 mm
Form factor : Box
Frame rate : 30 fps
Height : 55 mm
HTTPS encryption : Y
Lens mount interface : CS mount
Maximum memory card size : 2056 GB
Maximum resolution : 1920 x 1080 pixels
Minimum illumination : 0.05 lx
Motion sensor : Y
Noise reduction : Y
Number of cameras : 1
Operating temperature (T-T) : -30 - 50 °C

Optical sensor size : 25.4 / 2.7 mm (1 / 2.7»)
Placement supported : Outdoor
Power consumption : 1000 mA
Power consumption (max) : 3.6 W
Power over Ethernet (PoE) : Y
Power source type : PoE
Privacy masking : Y
Product colour : Black, Silver
Progressive scan : Y
PTZ control : Y
Quality of Service (QoS) support : Y
Sensor type : CMOS
Signal-to-Noise Ratio (SNR) : 50 dB
Storage relative humidity (H-H) : 0 - 90%
Storage temperature (T-T) : -40 - 70 °C
Supported graphics resolutions : 1920 x 1080 (HD 1080)
Supported network protocols : IPv4, IPv6, UDP, TCP, HTTP, HTTPS, RTP/ RTCP, IGMP V2/V3, ICMP, ICMPv6, RTSP, FTP, Telnet, ARP, DHCP, SNMP (V1, MIBII), 802.1x, DNS, DNSv6, DDNS, SMTP, iSCSI, UPnP (SSDP), DiffServ (QoS), LLDP, SOAP, Dropbox, CHAP, Digest Authentication
Supported video modes : 1080p
Total megapixels : 2 MP
Video compression formats : H.264, M-JPEG
Video motion detection : Y
Weight : 550 g
White balance : Auto, Manual
Wide Dynamic Range (WDR) : Y
Width : 64 mm
Zoom capability : Y