

# BOSCH NHT-8000-F19QF



## DESCRIPTION

This thermal IP camera provides high-sensitivity thermal images using an un-cooled vanadium oxide microbolometer that delivers outstanding image quality. The camera is designed to combine the benefits of thermal imaging with the market leading Intelligent Video Analytics from Bosch. There is no need for natural or artificial lighting of the area of interest. The camera produces crisp and clear images day and night, even in challenging environments with smoke, dust, haze or fog.

## TECHNICAL CHARACTERISTICS

Brand : BOSCH

Part number : NHT-8000-F19QF

### Représentation / réalisation :

Type : IP security camera

AC input frequency : 50/60 Hz

AC input voltage : 24 V

Analog signal format system : NTSC

Audio formats supported : AAC-LC, G.711

Audio system full duplex : Y

Auto-tracking : Y

Bit rate range : 8 - 80 Kbit/s

Camera pixel size : 17  $\mu$ m

Card reader integrated : Y

Compatible memory cards : MicroSDHC, MicroSDXC

Connectivity technology : Wired

Depth : 430 mm

Digital watermark : Y

Ethernet interface type : Fast Ethernet

Ethernet LAN : Y

Ethernet LAN (RJ-45) ports : 1

Form factor : Bullet

Frame rate : 60 fps

Height : 141 mm

Image quality adjustment : Contrast

Lens diameter : 1.9 cm
Maximum memory card size : 2000 GB
Maximum resolution : 320 x 240 pixels
Mounting type : Wall
Number of cameras : 1
Number of lenses : 1
Operating relative humidity (H-H) : 5 - 95%
Operating temperature (T-T) : -40 - 55 °C
Pixel counter : Y
Placement supported : Outdoor
Power consumption (max) : 34 W
Power source type : AC
Product colour : White
RS-232 ports : 1
RS-422 ports : 1
RS-485 ports : 1
Sample rate : 16 kHz
Security algorithms : MD5, SHA-1, SHA-256, SSL/TLS
Sensor type (thermal module) : Vanadium Oxide Uncooled Focal Plane Arrays
Signal-to-Noise Ratio (SNR) : 50 dB
Storage temperature (T-T) : -55 - 70 °C
Supported graphics resolutions : 320 x 240
Supported network protocols : IPv4, IPv6, UDP, TCP, HTTP, HTTPS, RTP/ RTCP, IGMP V2/V3, ICMP, ICMPv6, RTSP, FTP, Telnet, ARP, DHCP, APIPA (Auto-IP, link local address), NTP (SNTP), SNMP (V1, MIBII), 802.1x, DNS, DNSv6, DDNS (DynDNS.org, selfHOST.de, no-ip.com), SMTP, iSCSI, UPnP (SSDP), DiffServ (QoS), LLDP, SOAP, Dropbox, CHAP, digest authentication
Thermal frame rate (NTSC) : 60 Hz
Thermal module : Y
Thermal sensitivity (NETD) : 50 mK
Video compression formats : H.264, M-JPEG
Video streaming : Y
Weight : 3.5 kg
Width : 164 mm