

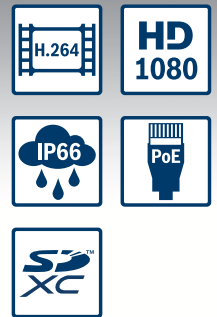
HD 1080p Vandal-Resistant MicroDome IVM Camera

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Advantage Line

The Bosch NDC-274-PM Vandal-Resistant MicroDome IVM (Interior Vehicle Mounting) camera offers a ready-to-use, complete network video surveillance system inside a MicroDome. These cameras bring Bosch's high-performance technology to mobile applications such as buses, trains, subways and ferries by offering a cost-effective surveillance system.

The cameras use H.264 compression technology to give clear images while reducing bandwidth and storage by up to 30%. The internal MicroSD card slot supports up to 2 TB (2048 GB) storage capacity.

The NDC-274-PM has IP66 and IK08 protection and is specifically designed for an internal vehicle environment using an M12 connector.

Features

- ▶ Vibration, vandal, water and dust resistant network MicroDome
- ▶ HD 1080p resolution for sharp images
- ▶ M12 connector for interior vehicle mounting
- ▶ Multiple streams simultaneously
- ▶ MicroSDXC card slot for edge recording

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Technical specifications

Power	
Input voltage	Power-over-Ethernet (48 VDC nominal)
Power consumption	3.84 W (max)
Video	
Sensor type	1/2.7-inch CMOS
Sensor pixels	1920 x 1080
Sensitivity	0.3 lx
Video resolution	1080p, 720p, 480p, 240p
Video compression	H.264 MP (Main Profile); M-JPEG
Max. frame rate	30 fps (M-JPEG frame rate can vary depending on system loading)
Lens	
Lens type	4.37 mm fixed, F2.0
Lens mount	Board mounted
View angle	67.4° (H), 40.8° (V)
Local Storage	
Memory card slot	Supports up to 32 GB microSDHC / 2 TB microSDXC card (An SD card of Class 6 or higher is recommended for HD recording)
Recording	Continuous recording, ring recording, alarm/events/schedule recording
Software Control	
Unit configuration	Via web browser or PC surveillance software
Network	
Protocols	IPv4, IPv6, UDP, TCP, HTTP, HTTPS, RTP, IGMP V2/V3, ICMP, RTSP, FTP, Telnet, ARP, DHCP, SNTP, SNMP (V1, MIB-II), 802.1x, SMTP, iSCSI, UPnP (SSDP)
Encryption	TLS 1.0, SSL
Ethernet	10/100 Base-T, auto-sensing, half/full duplex
Ethernet connector	M12 D-coded female
PoE	IEEE 802.3af compliant
Mechanical	
Dimensions	Diameter: 110 mm (4.33 in) Height: 55 mm (2.17 in)
Weight	330 g (11.64 oz) approx.
Environmental	
IP protection	IP66
Impact protection	IK08
Operating temperature	-20 °C to +50 °C (-4 °F to +122 °F)
Storage temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Humidity	10% to 80% relative humidity (non condensing)
Standards	
Standards	EN 60950-1: 2006, Reference IEC 60950-1:2005 UL 60950-1: 1st edition dated October 31, 2007 CAN/CSA-C22.2 NO. 60950-1-03 UL 60950-22 Outdoor UL EN 50130-4:1995 + A1:1998 + A2:2003

	FCC Part15 Subpart B, Class B
	EMC directive 2004/108/EC
	EN 55022 class B
	EN 61000-3-2 :2006
	EN 61000-3-3 : 1995+A1 :2001+A2 :2005
	EN 55024
	AS/NZS CISPR 22 (equal to CISPR 22)
	ICES-003 Class B
	EN 50121-4:2006
	EN 50121-3-2
	CE: Automotive environment
	EN 55025
	EN 50155: Vibrations, mechanical shock and temperature
	ISO16750-3: Vibration
Product certifications	CE, FCC, UL, cUL, C-tick, CB, VCCI
Certifications and approvals	
Region	Certification
Europe	CE
USA	UL
	FCC
Canada	CSA
Ordering information	
NDC-274-PM 1080p IP MicroDome IP66 IVM Camera	NDC-274-PM

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