

HD 1080p and 5M Vandal-Resistant MicroDome Camera

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Advantage Line

The Bosch NDC-274-PT and NDC-284-PT Vandal-resistant MicroDome cameras offer a ready-to-use, complete network video surveillance system inside a MicroDome. These cameras bring Bosch's high-performance technology into the realm of small office and retail businesses by offering a cost-effective solution for a broad range of applications. 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-PT is a 1080p camera; the NDC-284-PT is a 5 Megapixel camera. Both cameras have IP66 and IK08 protection.

Features

- ▶ Vandal, water and dust resistant network MicroDome
- ▶ High resolution for sharp images
- ▶ Multiple streams simultaneously
- ▶ MicroSDXC card slot for edge recording

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Technical specifications

Power	
Input voltage	+12 VDC, +24 VDC or Power-over-Ethernet (48 VDC nominal)
Power consumption	3.84 W (max)
Video	
Sensor type	1/2.7-inch CMOS (NDC-274-PT) 1/3.2-inch CMOS (NDC-284-PT)
Sensor pixels	1920 x 1080 (NDC-274-PT) 2592 x 1944 (NDC-284-PT)
Sensitivity	0.3 lx
Video resolution	1080p, 720p, 480p, 240p (NDC-274-PT) 5 Megapixels, 480p (NDC-284-PT)
Video compression	H.264 MP (Main Profile); M-JPEG
Max. frame rate	30 fps (NDC-274-PT) 12 fps (NDC-284-PT) (M-JPEG frame rate can vary depending on system loading)
Lens	
Lens type	4.37 mm fixed, F2.0 (NDC-274-PT) 3.74 mm fixed, F2.0 (NDC-284-PT)
Lens mount	Board mounted
View angle (H x V)	67.4° x 40.8° (NDC-274-PT) 62.6° x 48.8° (NDC-284-PT)
Connection	
Analog video out	2.5 mm jack for installation only (NTSC)
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, SNMP, 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	RJ45
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 Part 15 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-284-PT 5M IP MicroDome IP66 Camera	NDC-284-PT
NDC-274-PT 1080p IP MicroDome IP66 Camera	NDC-274-PT

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