

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

2 | HD 1080p and 5M Vandal-Resistant MicroDome Camera

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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