

# IP Dome Camera 200 Series

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Advantage Line

**ONVIF**

The Bosch NDC-255-P and NDC-225-P IP dome cameras are ready-to-use, complete network video surveillance systems inside a compact dome. 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%.

## Features

- ▶ Complete network video surveillance system
- ▶ Sharp images of moving objects
- ▶ Dual H.264 and M-JPEG streams simultaneously
- ▶ ONVIF conformant
- ▶ Storage inside camera
- ▶ Easy connection

## Technical Specifications

Power	
Input voltage	+12 VDC or Power-over-Ethernet
Power consumption	4.1 W (max)
Video	
Sensor type	¼-inch CMOS
Sensor pixels	640 x 480
Sensitivity	1.0 lux
Video resolution	VGA, QVGA
Video compression	H.264 MP (Main Profile); H.264 BP+ (Baseline Profile Plus); M-JPEG
Frame rate	30/25 fps: all resolutions
Lens	
Lens type	NDC-255-P: Varifocal 2.8 to 10 mm, DC Iris F1.2 to close NDC-225-P: Fixed 4 mm, F1.5
Lens mount	Board mounted
Connection	
Analog video out	2.5 mm jack for installation only
Alarm input	Short or DC 5V activation
Relay out	Input rating Maximum 1 A 24 VAC/VDC
Audio	
Audio input	Built-in microphone Line in jack connector
Audio output	Line out jack connector
Audio communication	Two-way, full duplex
Audio compression	G.711
Local Storage	
Memory card slot	Supports up to 32 GB microSD/SDHC card
Recording	Continuous recording, ring recording, alarm/events/schedule recording
Software Control	
Unit configuration	Via web browser or PC surveillance software
Network	
Protocols	HTTP, HTTPS, SSL, TCP, UDP, ICMP, RTSP, RTP, RTCP, IGMPv2/v3, SMTP, POP3, FTP, DHCP client, ARP, DNS, DDNS, NTP, SNMP, UPnP
Ethernet	10/100 Base-T, auto-sensing, half/full duplex, RJ45
PoE	IEEE 802.3af compliant
Mechanical	
Dimensions	Diameter: 135 mm (5.32 in) Height: 102 mm (4 in)
Weight	NDC-255-P: 548 g (1.21 lb) approx. NDC-225-P: 523 g (1.16 lb) approx
Environmental	
Operating temperature Camera	-10 °C to +50 °C (14 °F to +122 °F)
Operating temperature Universal Power Supply Unit	0 °C to +40 °C (+32 °F to +104 °F)
Storage temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Humidity	10% to 80% relative humidity (non condensing)
Certifications and Approvals	
Region	Certification
Europe	CE

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
	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
Product certifications	CE, FCC, UL, cUL, C-tick, CB, VCCI
Power supply	CE, UL, cUL, PSE, CCC
Ordering Information	
NDC-255-P IP Dome Camera, 2.8-10mm lens	NDC-255-P
NDC-225-P IP Dome Camera, 4mm lens	NDC-225-P

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