

Wireless IP Camera 200 Series

www.boschsecurity.com



BOSCH
Invented for life



Advantage Line

The Bosch NBC-255-W wireless IP camera is a ready-to-use, complete network video surveillance system inside a compact camera. This camera brings 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 integrated wireless LAN supports the IEEE 802.11b/g standards. The camera uses H.264 compression technology to give clear images while reducing bandwidth and storage by up to 30%.

Features

- ▶ Complete network video surveillance system
- ▶ Dual H.264 and M-JPEG streams simultaneously
- ▶ Storage inside camera
- ▶ IEEE 802.11b/g wireless operation
- ▶ Easy connection
- ▶ ONVIF conformant

Technical Specifications

Power	
Input voltage	+12 VDC
Power consumption	4.6 W (max)
Video	
Sensor type	1/4-inch CMOS
Sensor pixels	640 x 480
Sensitivity	1.0 lx at F1.4
Video resolution	VGA, QVGA
Video compression	H.264 MP (Main Profile); H.264 BP+ (Baseline Profile Plus); M-JPEG
Max. frame rate	30 fps (M-JPEG frame rate can vary depending on system loading)
Lens	
Lens type	Varifocal 2.8 to 10 mm, manual iris, F1.4 to close
Lens mount	CS mount
Connection	
Alarm input	+9 to 30 VDC
Relay out	24 VAC/VDC, 1 A
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, L16 (live and recording)
Local Storage	
Memory card slot	Supports up to 32 GB SD/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, Telnet, IGMPv2/v3, SMTP, SNMP, FTP, DHCP client, ARP, DNS, DDNS, NTP, SNMP, UPnP, 802.1X, iSCSI
Ethernet	10/100 Base-T, auto-sensing, half/full duplex, RJ45
Wireless	IEEE 802.11b/g
Wireless security	WPA-PSK(TKIP), WPA2-PSK(AES)
Mechanical	
Dimensions with lens (H x W x D)	55 x 72 x 178 mm (2.17 x 2.83 x 7.01 in.)
Weight (with lens)	255 g (0.56 lb) approx.
Mounting	1/4-inch mounting socket on top and bottom
Environmental	
Operating temperature Camera	0 °C to +45 °C (+32 °F to +113 °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	
Safety	EU: EN 60950-1: 2006, Reference IEC 60950-1:2005
	US: UL 60950-1: 1st edition dated October 31, 2007
	Canada: CAN/CSA-C22.2 NO. 60950-1-03
EMC	EN 50130-4:1995 + A1:1998 + A2:2003
	FCC Part15 Subpart B, Class B
	EMC directive 2004/108/EC
	EN 55022/24
	EN 61000-3-2 :2006
	EN 61000-3-3 : 1995+A1 :2001+A2 :2005
	EN 62311: 2008
	EN 300 328
	EN 301 489-1-17
	SRRC China
	FCC Part 15 Subpart C
	ICES-003 Class B
	EN 50121-4:2006
Product Certifications	CE, FCC, UL, cUL, CB, SRRC
Power supply	CE, UL, cUL, PSE, CCC
Ordering Information	
NBC-255-W Wireless IP Camera	NBC-255-W
Accessories	
LTC 9348/00 Series Indoor Dome Housings	LTC9348/00

Americas:
 Bosch Security Systems, Inc.
 130 Perinton Parkway
 Fairport, New York, 14450, USA
 Phone: +1 800 289 0096
 Fax: +1 585 223 9180
 security.sales@us.bosch.com
 www.boschsecurity.us

Europe, Middle East, Africa:
 Bosch Security Systems B.V.
 P.O. Box 80002
 5600 JB Eindhoven, The Netherlands
 Phone: + 31 40 2577 284
 Fax: +31 40 2577 330
 emea.securitysystems@bosch.com
 www.boschsecurity.com

Asia-Pacific:
 Robert Bosch (SEA) Pte Ltd, Security Systems
 11 Bishan Street 21
 Singapore 573943
 Phone: +65 6571 2808
 Fax: +65 6571 2699
 apr.securitysystems@bosch.com
 www.boschsecurity.asia

Represented by