Wireless IP Camera 200 Series





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
- ► SD/SDHC card slot for edge recording
- ▶ IEEE 802.11b/g wireless operation
- Easy connection

Technical specifications

Input voltage+12 VDCPower consumption4.6 W (max)VideoSensor typeSensor type%-inch CMOSSensor type640 x 480Sensor type640 x 480Sensitivity1.0 Ix at F1.4Video resolutionVGA, QVGAVideo compressionH.264 MP (Main Profile); H.264 BP+ (Baseline Profile Plus); M.JPEGMax. frame rate30 fps (M-JPEG frame rate can vary depending on system loading)LensULens typeVarifocal 2.8 to 10 mm, manual iris, F1.4 to closeLens mountCS mountConnectionUAlarm input+9 to 30 VDCRelay out24 VAC/VDC, 1 AAudioUAudio inputBuilt-in microphoneLine in tick connectorAudio outputLine out jack connectorAudio compressionG.711, L16 (live and recording)Local StorageUMemory card slotSupports up to 32 GB SD/SDHC cardRecordingContinuous recording, ring recording, alarm/events/ schedule recordingSoftware ControlUUnit configurationVia web browser or PC surveillance softwareNetworkUProtocolsHTTP, HTTPs, SSL, TCP, UDP, ICMP, RTSP, RTP, Tel- net, IGMP2/v3, SMTP, SMTP, STP, FTP, DHCP client, ARP, DNS, DDNS, NTP, SNMP, UPNP, 802, 1X, ISCSIEthermet10/100 Base-T, auto-sensing, half/full duplex, RJ45WirelessIEEE 802, 11h/gWireless securityWPA-PSK(TKIP), WPA2-PSK(AES)Mechanical55 x 72 x 178 mm (2.17 x 2.83 x 7.01 in.)<	Power	
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WirelessIEEE 802.11b/gWireless securityWPA-PSK(TKIP), WPA2-PSK(AES)MechanicalDimensions 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.Mounting¼-inch mounting socket on top and bottomEnvironmentalOperating temperature Camera0 °C to +45 °C (+32 °F to +113 °F)Operating temperature Universal Power Supply Unit0 °C to +70 °C (-4 °F to +158 °F)	Ethernet	
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Operating temperature Universal Power Supply 0 °C to +40 °C (+32 °F to +104 °F) Unit Storage temperature -20 °C to +70 °C (-4 °F to +158 °F)	Camera	0 °C to +45 °C (+32 °F to +113 °F)
Unit Storage temperature -20 °C to +70 °C (-4 °F to +158 °F)	Operating temperature	
		0 °C to +40 °C (+32 °F to +104 °F)
Humidity 10% to 80% relative humidity (non condensing)		-20 °C to +70 °C (-4 °F to +158 °F)
	Humidity	10% to 80% relative humidity (non condensing)

Region	Certification
Europe	CE
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-V
LTC 9348/00 Series Ind	oor Dome Housings LTC9348/0