

SNC-WL862

Multi-Sensor Adjustable Dome Network Camera



Overview

Capture high resolution images at every angle

The SNC-WL862 Multi-Sensor Adjustable Dome Network Camera captures very high quality video images with a total resolution of 20 megapixels via four independent CMOS sensors and remote-focus lenses. This allows the camera to view four different regions simultaneously, simplifying installation and lowering costs by reducing the total number of cameras needed.

Offering comprehensive 360-degree video coverage from one camera with a single IP address, the SNC-WL862 is ideal for surveillance and monitoring in areas such as hallway intersections, building corners, garages, car parks and shopping malls where all-round coverage is essential.

Features

Very high 20 megapixels total resolution

Four independent 5 megapixels CMOS sensors with separate remote focus lenses capture very high quality images with a total resolution of 20 megapixels.

Multi-directional views

The compact dome camera's four independent sensors enable full 360° coverage, capturing images from every angle for comprehensive video coverage with four separate views from a single IP address.

See clearly in low light

The SNC-WL862 can capture crisp, low-noise colour images in extremely low light conditions such as at night-time or dusk.

Better images in high-contrast conditions

Wide dynamic range technology ensures evenly-exposed video footage, even in harshly-lit high contrast scenes where ordinary cameras struggle to accommodate bright highlights and dark shadow detail.

Day & Night function

The camera's switchable IR-cut filter increases sensitivity for night-time operation.

Smart streaming

Smart stream management technology is combined with the efficient H.265 compression codec, reducing network bandwidth requirements by up to 90% while maintaining excellent image quality compared with conventional streaming.

In-built microphone

The camera's integrated microphone captures crisp, clear audio.

Resists rain, dust and tampering

The robust external housing is rated to IP66 and IK10 standards, safeguarding the SNC-WL862 against rain and dust while also offering protection against vandalism and tampering.

Reliable operation in extreme temperatures

Suitable for outdoor operation, the camera can operate over a wide -40°C - +50°C wide temperature range.

Specifications

Camera	
Image Sensor	1/2.8" Progressive CMOS
Number of image sensors	4
Number of Effective Pixels	Approx. 5.16 Megapixels x 4
Gain	Auto
Shutter Speed	1/5 s to 1/32,000 s
Exposure Control	Exposure compensation, Shutter speed
Iris	Fixed-iris
White Balance	Auto, Manual
Lens	Built-in varifocal lens
Zoom Ratio	Optical zoom 2.1x Digital zoom 12x Total zoom 25.2x
Easy Focus for Setup	Yes
Horizontal Viewing Angle	88.8° to 40.2°
Vertical Viewing Angle	59.8° to 28.6°
Focal Length	f = 3.7 to 7.7 mm
F-Number	F1.9 to F2.9
Minimum Object Distance	500 mm
Pan / Tilt / Rotation Angle (manual)	"pan - track" 90 to 120° each lens 0° to 105° each lens -90° to +90° each lens
IR Illuminator	No
Camera Features	
Day/Night	Yes
e-Flip	Yes
Image Rotate	90°, 270°

Mirroring	Yes
Tone Correction	Visibility Enhancer
Defog Image Processing	Yes
Backlight Compensation	Yes
Highlight Compensation	Yes
Flicker Reduction	Yes
Noise Reduction	3DNR
Image Stabilizer	Electronic
Picture Mode	No
Privacy Masking (number)	5 for same screen
Privacy Masking (shape)	Quadrangle formed by any four corner points
Privacy Masking (color/effect)	Black
Edge Storage	Yes
Voice Alert	No
Vandal Resistant	IK10
Ingress Protection	IP66
Superimpose Number	1 (Video Title, Date & Time) Font and size is selectable
Superimpose Language	English
Menu Language	English, Japanese, Chinese (simplified), Chinese (traditional), French, Spanish, German, Italian, Portuguese, Russian

Video

Resolution	2560 x 1920, 2048 x 1536, 1920 x 1536, 1600 x 1200, 1280 x 960, 800 x 600, 640 x 480, 480 x 360, (H.265) 2560 x 1920, 944 x 704 (H.264, JPEG)
Compression Format	H.265 (Baseline), H.264 (Baseline), JPEG
Maximum Frame Rate	30 fps (2560 x 1920) x 4 @ H.265
Bitrate Control Mode	CBR / VBR (selectable)
Range of Bit Rate Setting	20 Kbps to 80 Mbps
Multi streaming Capability	Yes 3 simultaneous streams
Number of Clients	20

Intelligent Video / Audio Analytics

Intelligent Motion Detection	Yes
Face Detection	No
Tamper Alarm	Yes

Audio

Compression Format	G.711 / G.726
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System Requirements

Operating System	Windows 8.1 Pro (32/64 bit) Windows 10 Pro (32/64 bit)
Web Browser	Microsoft Internet Explorer Ver. 10, Ver. 11
SNC toolbox	Yes
SNC toolbox mobile	Yes

Network

Protocols	IPv4, IPv6, TCP, HTTP, UPnP, RTSP / RTP / RTCP, IGMP, SMTP, FTP (client), DHCP, NTP, DNS, PPPoE, CoS, QoS, SNMP (v1, v2c, v3), 802.1X, ARP, SSL, TLS, CIFS / SMB (client)
Multicast Streaming Support	Yes
ONVIF Conformance	Profile S
Authentication	IEEE802.1X

Interface

Analog Video Output	No
Analog Monitor Output for Setup	No
Built-in Microphone	Yes
Microphone Input	Mini jack (monaural)
Line Input	No
Line Output	Mini jack (monaural)
Network Port	10BASE-T / 100BASE-TX (RJ-45)
Alarm Input (Sensor Input)	x1
Alarm Output	x1
Card Slots	microSD x 1

Confirmed SD Card Type Max. 256GB

General

Power Requirements	IEEE 802.3at (PoE) Class 4, AC 24 V, 50/60 Hz
Power Consumption	Max 24 W
Operating Temperature	-40°C to 50°C -40°F to 122°F
Cold Start Temperature	-30°C to 50°C -22°F to 122°F
Storage Temperature	-20 °C to + 60 °C -4 °F to + 140 °F
Operating Humidity	20 % to 90 %(no condensation)
Storage Humidity	20 % to 80 %(no condensation)
Dimensions (W x H x D) *1	φ210 x 110.4 mm Ø 210 x 96.7 mm (without cover plate) φ8 1/4 inches x 4 3/8 inches φ8 1/4 inches x 3 3/4 inches (without cover plate)
Mass	Approx. 1660 g Approx. 3 lb 10 1/2 oz

***1**

The values for dimensions are approximate.

Gallery

