



# CHAPTER 4

## Specifications

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<b>General</b>	
Imaging Device	1/3-inch (effective)
Imager Type	CMOS
Imager Readout	Progressive scan
Maximum Resolution	1920 x 1080
Signal-to-Noise Ratio	50 dB
Auto Iris Lens Type	DC drive
Electronic Shutter Range	1~1/100,000 sec
Wide Dynamic Range	60 dB
White Balance Range	2,000 to 10,000K
Sensitivity	f/1.2; 2850K; SNR >24 dB Color (1x/33 ms)0.5 lux Color SENS (15x/500 ms)0.12 lux Mono (1x/33 ms)0.25 lux Mono SENS (15x/500 ms)0.03 lux
Dome Attenuation	ClearZero light loss Smokedf/1.0 light loss
Construction	Back boxCast aluminum Trim ringPolycarbonate plastic BubbleAcrylic plastic
Finish	White
Available Languages	English

Supported Protocols	TCP/IP, UDP/IP (Unicast), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, SNMP, QoS, HTTP, SMTP, FTP
Users	Up to 20 simultaneous users, depending on resolution settings (2 guaranteed streams)
Security Access	Password-protected
Certifications/Ratings/Patents	CE, Class B FCC, Class B UL/cUL listed C-Tick
<b>Electrical</b>	
Port	RJ-45 connector for 100BASE-TX Auto MDI/MDI-X
Cable Type	Cat-5 or better for 100BASE-TX
Power Input	24 VAC or PoE (IEEE 802.3af class 3)
Power Consumption	< 6W
Current Consumption	PoE < 200 mA maximum 24 VAC < 295 mA nominal; < 390 mA maximum
Local Storage	Micro SD
Alarm Input	10 VDC maximum, 5 mA maximum
Alarm Output	0 to 15 VDC maximum, 75 mA maximum
Service Port	External 3-connector, 2.5-mm provides NTSC/PAL video output
Accessory Port	Connects accessories
<b>Mechanical</b>	
Lens Mount	CS-mount, adjustable
Pan/ Tilt Adjustment	Pan368_ Tilt160 (10 to 170) Rotate355
<b>Environmental</b>	
Operational Temperature	32 to 122°F (0 to 50°C)
Operational Humidity	20% to 80%, noncondensing
<b>Physical</b>	
Dimensions (DxWxH)	5.4 x 3.1 x 3.0 in. (13.7 x 7.9 x 7.6 cm)
Weight (without lens)	Unit 2.0 lb (0.9 kg) Shipping 6.0 lb (2.7 kg)
<b>Video</b>	
Video Encoding	H.264 base profile and MJPEG
Video Streams	Up to 2 simultaneous streams; the second stream is variable based on the setup of the primary stream

Supported Frame Rates	30, 15, 10, 5, 1
Video Encoding	H.264 base profile and MJPEG
Video Streams	Up to 2 simultaneous streams; the second stream is variable based on the setup of the primary stream
Supported Resolutions	1080P (1920 x 1080), 720P (1280 x 720), 4CIF (640 x 352), CIF (480 x 272), and QCIF (320 x 176)

