

O5B1MG

2.8-12mm motorized lens, white housing



Features

- Captures up to 5MP @ 30fps
- Up to 4x optical zoom
- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IR cut filter)
- IR range: 147' (depending on scene reflection)
- True WDR operation
- Micro SD card slot (card not included)
- Two-way audio ready
- ONVIF Profile T Compliant
- IP66 weather resistance
- People/Vehicle detection*
- Line Crossing/Intrusion Detection*
- 2 year warranty
- NDAA Compliant**



Camera Specifications

Image Sensor	Progressive scan 1/2.7" CMOS
Maximum Resolution	2880 x 1620 (5MP)
Field of View	Horizontal: 107-33.6°, Vertical: 54.7-18.9°, Diagonal: 133.7-37.6°
Minimum Illumination	Color 0.05lux @ F1.2(AGC ON) ; B/W 0 lux @ IR ON
White Balance	Auto, Indoor, Outdoor, Manual
Compensation	True WDR (120dB), BLC, HLC
Day/Night	IR cut filter with auto switch
Electronic Shutter Speed	1/5 ~ 1/20000s
DNR	3D DNR

Video Specifications

Main Resolution	5MP/4MP/3MP/2MP/960P/720P @ 30fps
Compression	H.265, H.264
Bitrate Control	VBR, CBR (8Kbps ~ 8Mbps)
Multiple Streaming	3 streams
Image Settings	Privacy masking, Flip/Rotation

Audio Specifications

Audio Codec	G.711
Audio	1ch input/1ch output

Interfaces

Ethernet	10/100 Mbps
Power	DC jack
Audio	RCA Female input/RCA Female output
Card slot	MicroSD, up to 256GB (not included)
Alarm	No
Reset	Yes

Other Specifications

PoE	Standard (IEEE 802.3af)
Analytics	Motion detection, Object abandoned/missing detection, intrusion detection (people/vehicle classification), line crossing detection (people /vehicle classification), people/vehicle counting, heat map, crowd density, and queue length.
Alarm Triggers	Analytics, SD card error
Alarm Events	FTP upload, email upload

Client Specifications

Web Browser Support	Chrome, Edge, Firefox, Safari, Internet Explorer 8 and up.
Mobile	Speco Gray

Operating & Unit Specifications

Power	PoE, 12VDC (power supply not included)
Power Consumption	6.84W (max)
Operating Temperature	-22°F - 140°F
Operating Humidity	less than 95% (non-condensing)
Unit Dimensions	9.53(L)" x 3.44"(W) x 3.30"(H)
Unit Weight	1.76 lb
Certifications	FCC, ONVIF Profile T

Network Specifications

Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP, NTP, UPnP, SNMP, HTTPS, FTP
DDNS support	Speco DDNS (free of charge)
Security	IP address filter; strong password requirement; Authenticated username and password
User Access	Max. 7 simultaneous users Actual number of users may vary depending on bandwidth

*With compatible Speco Gray Recorder

** Products are in compliance with NDAA Section 889 Part B Guidelines

**NDAA
COMPLIANT**



Optional Accessories



Made in China

*requires GJCMT

**requires GJBMT or GWMT2

Camera Interfaces



ONVIF is a trademark of Onvif, Inc. Chrome and Firefox use Java which requires an initial internet connection. Apple and the Apple logo are trademarks of Apple Inc., registered in the U.S. and other countries.

App Store is a service mark of Apple Inc. Android, Google Play and the Google Play logo are trademarks of Google Inc. Amazon's trademark is used under license from Amazon.com, Inc. or its affiliates.

Speco Technologies is constantly developing and improving products. We reserve the right to modify product design and specifications without notice and without incurring any obligation.

Spec Rev. 2/17/22



800-645-5516 • Fax: 631-957-9142 or 631-957-3880 • specotech.com

speco technologies