



12MP IP Bullet Camera with Advanced Analytics

O12B1M

2.8-12mm motorized lens, white housing

Features

- Supports up to 12MP @ 30fps
- 4x Optical Zoom
- Two-way Audio Support
- Built-in standard PoE (IEEE 802.3af)
- H.265/H.264/MJPEG compression supported
- True Day/Night operation (IR cut filter)
- Adaptive IR LEDs reduce IR saturation
- IR range: Up to 230 ft. max (depending on scene reflection)
- Micro SD slot up to 512GB (card not included)
- True WDR (wide dynamic range) operation
- IP67 compliant, weather resistant
- Junction box included (works with NPT/BSP specifications)

NDA COMPLIANT ONVIF MST



Camera Specifications

Image Sensor	Progressive scan 1/1.7" CMOS, 6MP
Maximum Resolution	4000 x 3000
Field of View	108° - 36°(H), 57° - 20°(V), 129° - 42°(D)
Minimum Illumination	0.006 Lux @F1.4 0 Lux with IR
Day/Night	Smart IR
White Balance	Auto, Indoor, Outdoor, Manual
Compensation	True WDR (120dB), BLC, HLC
Electronic Shutter Speed	1/3 - 1/100000 sec.
DNR	3D DNR

Video Specifications

Main Resolution	12MP (4000 x 3000), 8MP (3840 x 2160), 6MP (3200 x 1800), 4MP (2688 x 1520)
Sub Stream	1080P(1920 x 1080), 720P (1280 x 720), D1, VGA (640 x 480), 640 x 360, CIF, 480 x 240
Third Stream	D1/ CIF/ 480x240 @ 30 fps
Fourth Stream	D1/VGA/640 x 360/CIF/480 x 240 60Hz: 1 ~ 30fps
Fifth Stream	D1/VGA/640 x 360/CIF/480 x 240 60Hz: 1 ~ 30fps
Compression	H.265, H.264 (HP/MP/BP), MJPEG (substream only)
Video Settings	Region of interest, privacy masking, brightness, contrast, hue, saturation, denoise, antiflicker, day/night mode, infrared settings, exposure, gain, corridor pattern, image flip/mirror
Bitrate Control	VBR, CBR (64Kpbs to 16Mbps)
Multiple Streaming	5 streams

Network Specifications

Protocols	UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP, 802.1x, UPnP, HTTP, HTTPS
DDNS support	Speco DDNS (free of charge)
Security	User ID & password protection, IP/Mac address filtering, digest authentication
User Access	Max. 10 simultaneous users, actual number of users may vary depending on bandwidth

Interface

Ethernet	10/100 Mbps
Video	CVBS output (BNC x 1)
Power	DC jack
Microphone Input	Mono 3.5mm + Built-in mic
Audio Output	Mono 3.5mm
Card Slot	MicroSD, up to 512GB (not included)
Alarm	1-CH alarm input, 1-CH alarm output
Reset	Yes

System Specifications

PoE	Standard (IEEE 802.3af)
Analytics	Motion, exception, line crossing, region intrusion, object detection, vehicle/people detection, face detection, people/vehicle counting, loitering, tampering detection, and heat map
Alarm Triggers	Analytics, SD card error
Alarm Events	FTP upload, email upload
Image Settings	Watermark, IP address filtering, video mask, password protection



Client Specifications

Web Browser Support	Google Chrome, Edge, Safari, Fire Fox, Windows (Internet Explorer 8 and up)
PC Application	Speco Blue VMS
Mobile	Speco Blue (iPhone® and Android™)

Audio Specifications

Audio Codec	G.711A / G.711U
-------------	-----------------

Operating & Unit Specifications

Power	PoE, 12VDC (power supply not included)
Power Consumption	< 12W
Operating Temperature	-22°F ~ 140°F
Operating Humidity	Less than 95 % (non-condensing)
Unit Dimensions	10.95 (W) x 3.94 (D) x 3.49 (H)
Unit Weight	2.29 lb.
Certifications	FCC

D.O.R.I (m)	(wide)	(telephoto)
Detection (25px/m)	86m (187 ft.)	190m (374 ft.)
Observation (63px/m)	34m (93 ft.)	76m (169 ft.)
Recognition (125px/m)	17m (63 ft.)	38m (100 ft.)
Identification(250px/m)	9m (48 ft.)	19m (66 ft.)

Optional Accessories



POEINJ
25.5W
PoE Injector



PSW5
12VDC
Power Supply



CMT1
Corner Mount



PMT1
Pole Mount



CLTX1
Ceiling Mount
4" Extension



CLTX2
Ceiling Mount
8" Extension



CLT3
Ceiling Mount

Cameras Interfaces



3.5mm
Audio In



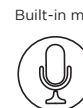
3.5mm
Audio Out



DC 12V



RJ45 PoE



Built-in mic



CVBS Out



Alarm In/Out



MicroSD
up to 512GB



Products are in compliance with NDAA Section 889 Part B Guidelines. Google 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® 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.

Revised 01/13/25

