



4MP IP License Plate Recognition Box Camera with White Light Intensifier®, NDAA Compliant

O4BXL1M

8-32mm motorized lens, white housing

Features

- Captures plates in low light with white LED up to 330' (depending on scene reflection)
- Search and Match captured plates with built-in database of up to 10,000 plates or with recorder*
- Captures license plates up to 75mph**
- Captures up to 4MP @ 30fps (60fps in high frame rate mode)
- Recommended capture distance (22 to 98 ft.)
- Built-in standard PoE++ (IEEE 802.3bt)
- Micro SD card slot up to 256GB (card not included)
- Two-way audio ready
- 2-CH alarm inputs/outputs
- Conformant with ONVIF Profiles G/S/T
- IP67 weather resistance
- 5 year warranty

*Search with supported Speco Blue Recorder
**In optimal conditions



Included Wall Mount



Camera Specifications

Image Sensor	1/1.8" Progressive Scan CMOS
Maximum Resolution	2560 x 1520 (4MP)
Field of View	Horizontal: 41°-15.5° Vertical: 23°-9.5° Diagonal: 46.5°-18°
Minimum Illumination	0 lux with white LED
White Balance	Auto, Indoor, Outdoor, Manual
Day/Night	White LED
Electronic Shutter Speed	1s - 1/100000s
DNR	3D DNR
Angle Adjustment	Pan: 0°-360° Tilt: 0°-90° Rotation: 0°-360°

System Specifications

PoE	Standard (IEEE 802.3bt)
Analytics	License plate recognition, travel direction, vehicle metadata, video tampering detection
Alarm Triggers	Motion detection, analytics, video tampering detection, SD card error, IP conflict, sensor alarm, IP address conflict, cable disconnection
Image Settings	Region of interest, saturation, brightness, chroma, contrast, noise reduction, corridor mode, video masking

Interfaces

Ethernet	10/100 Mbps RJ45
Power	24V AC/DC wire input
Microphone Input	Yes, 1-CH
Audio output	Yes, 1-CH
Card slot	MicroSD, up to 256GB (not included)
Alarm	2-CH alarm input; 2-CH alarm output
CVBS Out	Yes, 1-CH
Wiegand	Yes, 26-bit
RS485	Yes
RS232	Yes
Reset	Yes

Network Specifications

Protocols	UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, 802.1x, UPnP, HTTPs, QoS
DDNS support	Speco DDNS (free of charge)
Security	Watermark, IP address filtering, video mask, heartbeat, password protection, non-photosensitive switch, image distortion correction
User Access	Max. 10 simultaneous users Actual number of users may vary depending on bandwidth



Operating & Unit Specifications

Power	PoE++, 24V AC/DC (power supply not included)
Power Consumption	21.5W (max)
Operating Temperature	-40°F - 140°F
Operating Humidity	Less than 95% (non-condensing)
Unit dimensions	16.9"(L) x 5.43"(W) x 4.25"(H)
Unit Weight	5.51 lbs.
Certifications	FCC

Video Specifications

Main Resolution	4MP/2K/3MP/1080P (up to 30fps); HFR Mode: 1080P/720P (1 - 60fps)
Sub Stream	720P/D1/CIF (up to 30fps)
Third Stream	D1/CIF (up to 30fps)
Compression	H.265, H.264, MJPEG
Bitrate Control	VBR, CBR (64 Kbps - 8 Mbps)
Multiple Streaming	3 streams

Client Specifications

Web Browser Support	Chrome, Edge, Safari, Firefox, Internet Explorer 8 and up
PC Application	SecureGuard® VMS SecureGuard® CMS Speco Blue VMS
Mobile	Speco Blue App, SecureGuard® App (iPhone® and Android™)

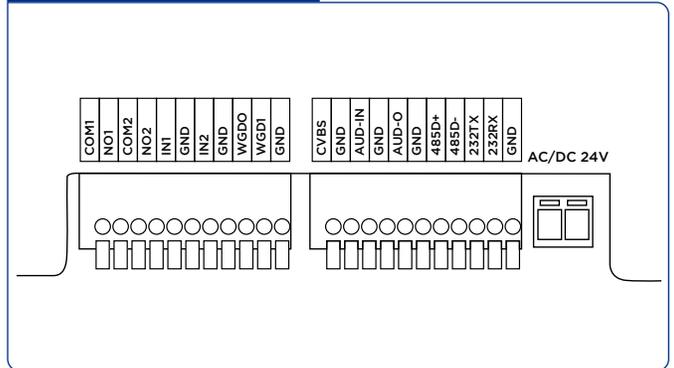
Audio Specifications

Audio Compression	G.711A / G.711U
Audio Interface	1-CH in/ 1-CH out

8 - 32mm Lens Installation Recommendations

Overhead	Recommended Installation Height: 15 - 20 ft. Recommended Recognition Distance: 23 - 115 ft.
Entrance/Exit	Recommended Installation Height: 4.2 - 5 ft. Recommended Recognition Distance: 8 - 10 ft.

Cameras Interfaces



Optional Accessories



POEINJ60
60W PoE Injector



PMT3
Pole Mount



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

Revised 1/27/26

