



O2S1 4.3mm fixed lens, F2.5



Features:

- IR LED & PT integrated
- Dual-codec (H.264 & MJPEG)
- Progressive scan megapixel (2.0M CMOS)
- Digital PTZ, video crop
- Multi-profile streaming (up to 5 streams of different resolutions, frame rates and codec selections)
- Built-in microphone & speaker
- 2-way audio communication
- Robust design & convenient installation
- SD card slot (card not included)
- ONVIF support*
- 2 year warranty

Camera Specifications

Image Sensor	Progressive scan 1/3.2" CMOS, 2.0M pixels
Full Resolution.....	1,600 x 1,200 pixels (UXGA)
Minimum Illumination (50IRE)...	0.2 lux / F1.2 (IR on - 0 lux)
Number of IR LEDs	18
IR Range	49' (depending on scene reflection)
IR LED Wavelength.....	850nm
S/N Ratio	42db
White Balance	AWB (= 2500°C - 6500°C)
DSS	Supported
Day/Night.....	Supported (TDN, IR LED)
PT	Pan: 110° / Tilt: 60°

Video Specifications

Compression Method	Simultaneous dual-codec (H.264 & MJPEG)
Resolution.....	15FPS @ 1600 x 1200 / 1280 x 1024 / 30FPS @ 1280 x 720 / 800 x 608 / 640 x 480 / 704 x 480 / 704 x 240 / 352 x 240 / 176 x 112
Multi-Profile Streaming.....	5 simultaneous video profiles
Intelligent Bit-Rate Control.....	HBR
PTZ.....	PT, Digital PTZ & video crop
Image Setting	Text overlay, privacy mask, de-interlace filter
Motion Detection.....	3 regions

Audio Specifications

Audio Communication	Auto-half duplex audio communication with integrated mic and speaker
Mono Upstream	32Kbps G.726 ADPCM - built-in MIC-in
Mono Downstream	64Kbps 8-bit u-law PCM - built-in speaker

Network Specifications

Network Protocol	IPv4/v6, TCP, UDP, IGMP, ICMP, ICMPv6, ARP, RARP, PPPoE, RTCP, RTP, RTSP, SDP, HTTP, HTTPS, SMTP, FTP, DHCP, UPnP, SNMP, NTP, DNS, DynDNS, SOCKS
Speco DDNS	Supported (free of charge)
Security.....	User ID & password protection, IP address filtering, - HTTPS encryption, digest authentication, user access log, 802.1x support

User Access

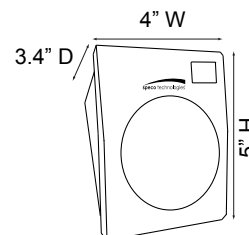
8 concurrent users on D1 resolution
Depending on resolution, number of users may vary

*visit www.specotech.com/onvif.html for latest ONVIF support

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We reserve the right to modify product design and specifications without notice and without incurring any obligation.



Network Specifications (cont.)

Streaming Method	RTSP streaming with proprietary format for control information, Standard RTSP streaming, HTTP streaming
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External Terminal Specifications

LAN.....	10 / 100BaseT LAN (auto MDIX)
Analog Output.....	1 channel D1 CVBS output of the encoding video
Alarm Input / Output	1 sensor input & 1 relay output
Factory Reset	Supported

System Integration Specifications

Standard PoE (IEEE802.3af)...	Supported (proprietary PoE)
Intelligent Video	Motion detection
Alarm Triggers	Intelligent video & sensor input
Alarm Events	Video file upload (FTP), still image (email), PTZ presets, relay output

Client Software

Speco NVR	64 ch (free of charge)
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Operating Environment

Operating Temperature/	
Humidity.....	32° F – 113° F / 8% – 80% RH
Power Consumption	700mA
Power Supply	PoE, 23VDC (power supply included)
Dimensions.....	4" (W) x 5" (H) x 3.4" (D)
Weight	12.8 oz.
Housing	ABS, ivory
Approvals.....	FCC, CE, MIC, RoHS
Included in Package	IP camera, CD (user's guide, software), DC power adaptor, front body bracket, adaptor box, adaptor box cover, corner bracket, accessories for installation, lithium battery, badge, battery cover, terminal block connector

iPhone® / Android™ App.....	Speco OnSIP
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For more information contact Speco Technologies

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