

**OB1** 2.8 - 12mm auto iris varifocal lens



**Features**

- Dual Codec (H.264 & MJPEG)
- Multi-profile streaming (Up to 5 streams of different resolutions, frame rates and codec selections)
- Digital PTZ, video crop
- Two-way audio communication
- CVBS output
- IP67 compliant
- 2 year warranty

**Camera Specifications**

Image Sensor	1/3" Sony Super-HAD™ CCD
Resolution	550 TV lines
Minimum Illumination	0.00001 lux F1.2 (sense-up x256)
Total Pixels	811 (H) x 508 (V)
Effective Pixels	768 (H) x 494 (V)
Electronic Shutter	1/60 sec. - 1/200,000 sec.
Scanning System	2:1 interface
Synchronization	Internal
S/N Ratio	52dB (x128)
S/N (Y Signal)	52dB (AGC off, weight on)
Backlight Compensation	BLC / HSBLC / Off
White Balance	ATW / AWB / AWC / Indoor / Outdoor / Manual
Sense-Up	x2 - x256
Digital Zoom	32x
Privacy Mask	8 zones
Digital Noise Reduction	On / Off (1-100 level)
Number of LEDs	42
IR Distance	98'

**Video Specifications**

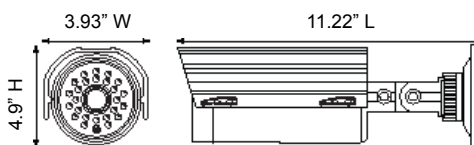
Compression Method	Simultaneous dual codec (H.264 / MJPEG)
Resolution	704 x 480 (full D1), 640 x 480 (VGA), 704 x 240 (half D1), 352 x 240 (CIF), 176 x 112 (QCIF)
Multi-Profile Streaming	3 simultaneous video profiles
Intelligent Bit-Rate Control	CBR, VBR, HBR
PTZ	Digital PTZ & video crop
Image Setting	Text overlay, privacy mask, de-interlace filter
Motion Detection	3 regions

**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
Security	User ID & password protection, IP address filtering, HTTPS encryption, digest authentication, user access log, 802.1x support
Speco DDNS	Supported (free of charge)

**User Access**

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



**Audio Specifications**

Mono Upstream	32Kbps G.726 ADPCM - LINE-in / MIC-in
Mono Downstream	128Kbps 16-bit Linear PCM - LINE-out (1Vpk)

**External Terminals**

LAN	10/100BaseT LAN (auto MDIX)
Analog Output	1 channel D1 CVBS output of the encoding video
Alarm Input / Output	Alarm I/O (1 sensor input & relay output)
Other	Two stereo jack / RS-232 debug / 12VDC in

**System Integration**

Intelligent Video	Motion detection
Alarm Triggers	Sensor input
Alarm Events	Video file upload (FTP), still image (Email)

**Client Software**

Speco NVR	64 ch (free of charge)
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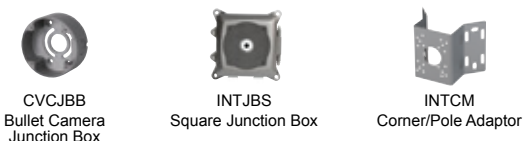
**Operating Environment, Power, Dimensions**

Operating Temperature/	
Humidity	-13° F – 131° F / 8% – 80% RH
Power Supply	12VDC, 1.5A (power supply included)
Dimensions	3.93" (W) x 4.9" (H) x 11.22" (L)
Weight	2.6 lbs.
Housing	Aluminum, dark grey
Approvals	FCC, CE, MIC, RoHS
Included in Package	IP camera, CD (user's guide, software), accessories for installation

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**Optional Accessories**



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.

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