

OS101

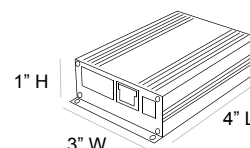


Features

OS101 is a dual-codec (H.264 & MJPEG) video server in a ultra compact housing. Multiple video streams with differentiated resolutions and frame rates will ensure the highest quality service while enabling simultaneous connections through lower speed networks. It supports all the features required on a 1 channel video server.

- Multi-profile streaming (up to 5 streams of different resolutions, frame rates and codec selections)
- Digital PTZ, video crop
- Built-in standard PoE (IEEE802.11at)
- SD card slot (card not included)
- 2-way audio communication

- Small form factor
 - Ultra compact design
- Added convenience in the installation
 - Power output (12V) for analog camera (power cable accessory provided)
 - Balun
- Improved picture quality
 - Input to Y/C separation provided (S-Video)
- Video output: BNC and BALUN (twisted UTP cable)
- ONVIF support*
- 2 year warranty



Video Specifications

Video Compression	Simultaneous dual-codec (H.264 & MJPEG)
Resolution.....	704 x 480 (full D1)
	704 x 240 (half D1)
	640 x 480 (VGA)
	352 x 240 (CIF)
	176 x 112 (QCIF)
Multi-Profile Streaming	4 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

Audio Specifications

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

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, QoS layer 3, DiffServ, Bonjour
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

External Terminals

LAN.....	10 / 100BaseT LAN (auto MDIX)
Analog Output.....	1 channel D1 CVBS output of the encoding video
RS-485	RS-485 for external PTZ device
Alarm input / output	Alarm I/O (1 sensor input & 1 relay output)
Other.....	Two stereo jack / RS-232 debug / 12VDC in

System Integration

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 Supply	PoE, 12VDC (power supply not included)
Power Consumption	2A
Dimensions.....	3" (W) x 4" (L) x 1" (H)
Weight	6.75 oz.
Housing	Aluminum, light grey
Approvals.....	FCC, CE, MIC, RoHS
Included in Package	Video server, CD (user's guide, software), power cord, power adaptor, DC power cable
iPhone® / Android™ App.....	Speco OnSIP

Optional Accessories



IPPOEINJ1295
12.95W PoE Injector



PSDC24
12VDC
Power Supply

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

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Rev. 2/26/13

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