



# IP Encoder for HD-TVI and Analog Cameras

## OS103T



### Features

- Converts HD-TVI video up to 2MP and analog video to IP @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- H.265/H.264/MJPEG compression supported
- Micro SD card slot for edge storage
- DC 12V output for powering cameras
- 2-way audio communication
- Sensor input and relay output
- Conformant with ONVIF Profile S
- 5 year warranty



### Camera Specifications

Maximum Resolution	1920 x 1080
Multiple Streaming	3 streams

### Video Specifications

Main Resolution	1920x1080 / 1280x960 / 1280x720 / 704x480 / 352 x 240 @ 30fps
Compression	H.265, H.264 (HP/MP/BP), MJPEG
Bitrate Control	VBR, CBR

### Network Specifications

Protocols	IPv4, IPv6, TCP, UDP, RTP, RTSP, HTTP, SMTP, FTP, DHCP
DDNS Support	Speco DDNS (free of charge)
Security	User ID & password protection, IP/Mac address filtering, digest authentication
User Access	6 users max.

### Audio Specifications

Mono Input	G.711A / G.711U
Mono Output	G.711A / G.711U

### Client Specifications

Web Browser Support	Windows (Internet Explorer 8 and up)
PC Application	SecureGuard® VMS
Mobile	SecureGuard® Mobile (iPhone® and Android™)

### External Terminal Specifications

Ethernet	10/100 Mbps
Power Input	DC jack
Power Output	Terminal block
Video Input	BNC
Analog Video Output	BNC
Audio Input	3.5mm
Audio Output	3.5mm
Storage	Micro SD slot
Alarm	1 sensor input, 1 relay output (terminal block)
Control	RS-485 for external PTZ device (terminal block)

### System Specifications

PoE	Standard (IEEE 802.3af)
Analytics	Motion detection, object removal, abnormality, line crossing, intrusion
Alarm Triggers	Analytics
Alarm Events	Email, FTP
Image Settings	Privacy mask, region of interest, OSD

### Operating & Unit Specifications

Power	PoE, 12VDC (power supply not included)
Power Consumption	4W
Operating Temperature	-4°F - 131°F
Operating Humidity	10% - 90% RH
Unit Dimensions	2.93" (W) x 1.14" (H) x 5.51" (D)
Unit Weight	8 oz.
Certifications	FCC, RoHS

### Optional Accessories



POEINJ  
12.95W  
PoE Injector



PSW5  
12VDC  
Power Supply

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