



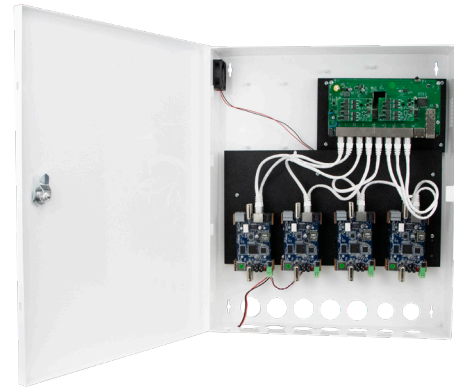
# 8-Channel Wall Mount Encoder for HD-TVI and Analog Cameras

OSW8T



## Key Features

- Can convert up to 8 HD-TVI/Analog cameras to IP @ 30FPS
- Includes Built-in PoE (802.3af/at) Switch with uplink port (1Gbps)
- H.265/H.264/MJPEG compression supported
- Can power up to 8 TVI/Analog cameras with the DC 12V output on each channel
- Micro SD card slots for each channel for edge storage
- 2-way Audio communication
- Sensor input and relay output
- Conformant with Onvif Profile S



### Camera Specifications

Maximum Resolution	1920 x 1080 (2MP)
Multiple Streaming	3 streams

### Video Specifications

Main Resolution	1920 x 1080/ 1280 x 960/ 1280 x 720/ 704 x 480/ 352 x 240 @30 fps
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.711 A/G.711 U
Mono Output	G.711A/G.711 U

### Client Specifications

Web Browser Support	Windows (Internet Explorer 8 and up)
PC Application	SecureGuard VMS, SecureGuard CMS
Mobile	SecureGuard Client App for iPhone and Android

### External Terminal Specifications

Ethernet	10/100
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 Specification

PoE Switch	802.3af/at
PoE (per encoder)	(Standard IEEE 802.3af)
Analytics (via alarm out)	Motion Detection, Object Removal, Abnormality, Line Crossing, Intrusion
Alarm Triggers	Analytics
Alarm Events	Email, FTP
Image Settings	Privacy Mask, Region of Interest, OSD

### PoE Switch Specifications

Downlink Ports	8 x 10/100/1000 Base-T (PoE)
Uplink Ports	1 x 10/100/1000 Base-T & 1 x 1000Base-X SFP Port
Network Standards	IEEE 802.3/IEEE 803.2u/IEEE 802.3ab/ IEEE 802.3x
Poe Standards	802.3af/at (PSE)
Switch Capacity	20 GBps
Packet Forwarding Rate	14 Mpps
Exchange Type	Storage & Forwarding
MAC Address List	4K
Poe Power Supply	½ (+), 3/6 (-)
PoE Ouput	Single port ≤ 30W (54V DC), Total for all ports ≤ 120W
Surge Immunity	6KV: IEC61000-4-5
ESD Protection	Contact Discharge 6K, Air Discharge 8KV, per: IEC61000-4-2
Voltage Input	DC 48V ~57V
Power Consumption	5W

<sup>1</sup>Limited Warranty/Hard drives excluded. Check [www.specotech.com](http://www.specotech.com) for more details. The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries. 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. Spec Rev. 2/18/22

Apps available from the following:





## Operating and Unit Specifications

Power	DC 48V
Power Consumption	5W
Operating Temperature	TBD
Operating Humidity	TBD
Unit Dimensions	19.25" (L) x 16.25" (W) x 3.5" (D)
Certifications	TBD