

## T9261-E Encoder Specifications

Stream Protocols	Destinations	Notes
UDP/RTP	2 standard, 2 more optional	UDP/RTP unicast or multicast
SRT	2 standard, 2 more optional	SRT Caller, Listener or Rendezvous with network statistics and encryption
RTMP	2 standard, 2 more optional	RTMP Server or Client
HLS Server	2 standard, 2 more optional	HLS Manifest and Segmenter
Zixi™	2 standard, 2 more optional	Zixi receiver for use with Zixi Broadcast in Pull or Push modes with redundancy and encryption support.
SATA Drive	2 standard, 2 more optional	Capture live to file via optional mSATA internal storage, SAMBA or NAS
Video CODEC Encode	Profiles	Notes
<b>H.264 AVC</b>		
SD AVC 4:2:0 High Level 3.2	2 or 4 (O)	Single 3G SDI input with auto frame size and frame rate detection. Frame up, down and cross-conversion enables a unique frame size and frame rate per encoded profile.
HD AVC 4:2:0 High Level 4.0		
3G AVC 4:2:0 High Level 4.2		
<b>MPEG 2</b>		
SD MPEG 2 4:2:0 MP@ML		
HD MPEG 2 4:2:0 MP@ML		
Ancillary Data	Notes	
Closed Captions	SMPTE 334 . 608 carried in 708 or native 708 captions.	
KLV	SMPTE 334	

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Audio CODEC Encode	Profiles				Notes
MPEG 1 Layer 2 Audio					
AAC-LC Stereo (2.0)					
HE AAC V1.0 Stereo (2.0)	S				SDI Embedded. Input source.
HE AAC V2.0 Stereo (2.0)					
Dolby Digital (2.0)	O				
Baseband Input	Number	Specification	Connector	Notes	
3G-SDI	1	SMPTE 424M		1920 x 1080 Progressive at 60/59.94/50/30/24 frames per second	
		SMPTE 292M		1920 x 1080 Interlaced or 1280 x 720 Progressive at 59.94/50/29.97 frames per second	
		SMPTE 259M	HD BNC Rear	720 x 576 PAL at 25 frames per second. 720 x 480 NTSC at 29.97 frames per second (NTSC is under development)	
Embedded Audio	1	SMPTE 291M		Encode of one pair from embedded audio. Additional encodes under development.	
HDMI	1	HDMI 1.4b	Standard Type A Female Rear	HDMI loop through from the 3G SDI input. The HDMI frame size and frame rate matches the 3G SDI input automatically.	
Platform Data IO	Number	Standard	Connector	Notes	
ARM Dual core ASIC	Host processor running Linux with AV application specific integrated circuit module				
Gigabit Ethernet 1	1	802.03	RJ-45/Rear	Copper CAT 5/5e/6/6A	
Gigabit Ethernet 2	1	802.03	RJ-45/Rear	Copper CAT 5/5e/6/6A.	
Terminal	1	VT100	mini USB Type B/Front	Serial Terminal at 115,200, 8, 1, N	
USB2	1	USB 2	USB 2 Standard-A receptacle/ Front	USB 2 compliant. Data mount and Firmware load.	
USB3	1	USB 3	USB 3 Standard-A receptacle/ Rear	USB 3 compliant. Data mount and Firmware load.	
PCIe	2	PCI Express	52 pin edge connector	Mini PCIe card slot (Host) with USB. Optional WiFi and LTE modules are available.	
mSATA	1	min-SATA	52 pin edge connector	Mini SATA card slot. Mass storage available using standard SSD hard drives.	

### T9261-E Encoder Specifications

Power Input		Notes	
DC	8-20 VDC	TE 2 position plug model 284511-2 included.	
Power Consumption		12 Watts maximum	
Physical	Width	Depth	Height
Chassis	5.09 Inches (129 mm)	10.125 Inches (257 mm)	1.02 inches (26 mm)
S= Standard / O = Optional / U= Under Development			