

Z-IP Connect 050 Product Specifications



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Product Specifications

Product Description

Multicast and Unicast IP streams reflection system. Support s real-time conversion and re-distribution of up to 50 IP streams to single or multiple LAN/WAN destinations. 1-RU rack mountable server with HTTP management interface. Two 100/1000 BaseT networks adaptors for bridging between networks.

Model	ZEN-SERV-4	
Physical Description	1-RU rack mountable server 17"W x 28"D x 1.7"H	
Electrical Power	AC 110/230V (50/60 Hz), 2 x 835W Redundant Power supplies and network adaptors	
Memory	128MB Flash, 256MB RAM	
Network Protocols	UDP, RTP, IGMP, HTTP, SAP, Multicast, Unicast, Multi-Unicast	
Retransmission Capacity	<ul style="list-style-type: none"> ✓ Up to 50 MPEG TS streams (Multicast or Unicast) ✓ Up to 300M bit/sec total throughput 	
Management	HTTP Web Management Interface	
Network Interfaces	2x 100/1000 Base T network adaptors for input and output streams or for processing IP traffic from two physical networks	
Video Input/Output	MPEG-4 H.264 Baseline Profile-Up to Level 2 MPEG-4 H.264 Main Profile-UP to Level 3 MPEG-4 H.264 HD High Profile-UP to level 4 MPEG-2 HD Main Profile-Up to High Level MPEG-2 Main Profile-Up to High Level MPEG-2 High Profile-Up to High Level	Containers: MPEG-2 Transport Bit Rate: Up to 35Mbits/sec per IP stream Frame Rates: 1-60 Color System: NTSC, Pal High Definition: 720p 59.94/50, 1080i 59.94/50 Aspect Ratio: 4:3, 16:9 Encapsulation: UDP Transport Multicast
Metadata	Cursor-On-Target (CoT) as KLV as per MISB 0601, 0604 (synchronous and asynchronous) ESD multiplexed into TS user data Closed Captioning EIA-608 and EIA 708 334M DVB subtitles	
Audio	✓ MPEG-1 L2	

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Input/Output	<ul style="list-style-type: none">✓ Dolby 5.1 and 7.1✓ AAC, AAC-LC, AAC+
Compliances	<p>CE EMC standards: 2004/108/EEC CE Safety standards: 2006/95/EC FCC Standards: FCC Part 15 Subpart B Class A</p>