



VIS1T 30, 40

Video Analytics Server

GPU Rack-mounted Server

Description

- Compact high density 1U rack mount server, dual PSU and NIC teaming support as standard and optional RAID
- Available in 75 and 100 camera channel configurations using NVIDIA T4 GPU

Technical Specifications

Description	VIS1T30	VIS1T40
Max input streams per server	75 at 4CIF, 45 at HD	100 at 4CIF, 60 at HD
Supported video standard	H.264, H.265, MJPEG	
Image analysis/recording frame rate	Recommended 12.5 frames per second	
Image resolution and depth	Minimum 768 x 576 pixels (4 CIF)	
Video storage drive	1 x 1TB QVO SSD as standard, up to 3 x 4TB QVO SDD	
Image analysis software	VISuite AI	
Component redundancy	Dual PSU; Dual NIC	
CPU	8 cores @ 2.6 GHz	
RAM	32GB DDR4	
OS drive	1 x 500GB QVO SSD	
OS	Windows 10 IOT Enterprise LTSC	
GPU	3 x NVIDIA TESLA T4	4 x NVIDIA TESLA T4

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Front and rear view



Mechanical and Electrical Information

Specifications	VIS1T30	VIS1T40
Construction	Heavy duty steel	
Dimensions	1U rack mount 43(H) x 437(W) x 777(D) mm. Min. recommended rack depth 1000mm	
Weight	Net 27.7kg	Net 28.1kg
AC input	100 – 240V 50-60hz Redundant PSU	
Typical power consumption	300W	350W
Maximum power consumption	350W	400W
PSU rating	80 Plus Titanium certified	
Operating temperature	10 to 35 °C	
Relative humidity	8-90% non-condensing	
Cooling requirement	1023 BTU/h	1193 BTU/h
Noise level	78.4 dB	

Communication Ports

General	VIS1T30	VIS1T40
Isolated digital I/O	Ethernet	
Ethernet	2 x RJ45 10 Gigabit Base - T ports	
Video output	1 x VGA	
USB / Audio	2 x USB 3.0 Ports	



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