

VIS1T 10, 20 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 25 and 50 camera channel configurations using NVIDIA T4 GPU

Technical Specifications

Description	VIS1T10	VIS1T20
Max input streams per server	25 at 4CIF, 15 at HD	50 at 4CIF, 30 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		
Component redundancy	Dual PSU; Dual NIC	
CPU	4 cores @ 2.6 GHz	
RAM	32GB DDR4	
OS drive	1 x 500GB QVO SSD	
OS	Windows 10 IOT Enterprise LTSC	
GPU	1 x NVIDIA TESLA T4	2 x NVIDIA TESLA T4

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Front and rear view



Mechanical and Electrical Information

Specifications	VIS1T10	VIS1T20
Construction	Heavy duty steel	
Dimensions	1U rack mount 43(H) x 437(W) x 650(D) mm. Min. recommended rack depth 1000mm	
Weight	Net 22.3kg	Net 22.6kg
AC Input	100 – 240V 50-60hz Redundant PSU	
Typical power consumption	200W	250W
Maximum power consumption	250W	300W
PSU rating	80 Plus Titanium certified	
Operating temperature	10 to 35 °C	
Relative humidity	8-90% non-condensing	
Cooling requirement	682 BTU/h	852 BTU/h
Noise level	75.4 dB	

Communication Ports

General	VIS1T10	VIS1T20
Isolated digital I/O	Ethernet	
Ethernet	2 x RJ45 10 Gigabit Base - T ports	
Video output	1 x VGA	
USB / Audio	4 x USB 3.0 Ports	



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