

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 | VISuite AI | |
| 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 |

VIS1T 10, 20 Video Analytics Server

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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