

# VOYAGER/GPU

UAV and CCTV video streams provide increased security in many locations today.

With VoyagerGPU, you can analyse video in real time for inference applications but also train your AI/ML models at the edge of the network.

Additionally, VoyagerGPU can transcode up to 16 HD video streams for transmission over a low-bandwidth network.



## KEY FEATURES

- GPU options include:
  - NVIDIA Pascal-based GPU
    - Tesla P6. VMware certified
  - NVIDIA Turing-based GPU options:
    - Quadro T1000
    - Quadro RTX 3000
    - Quadro RTX 5000
- CPU options include:
  - Xeon D 8, 12, 16 cores
  - Atom Denverton 8-core
- Storage is provided by dual SATA 2.5" bay plus VIK+ for operating system
- Two 10 Gb Ethernet SFP+ interfaces
- Two 1 Gb Ethernet copper interfaces
- Supported across two Voyager module slots in either Voyager 4/4 Slim, Voyager 8+ or Voyager 8+ Aero chassis



Portable



Rugged



Low Power

### EMEA:

Klas,  
4th Floor, One Kilmainham Square,  
Inchicore Road, Kilmainham,  
Dublin 8, Ireland  
DOB ETIW.  
Tel: +353 1 6624270

### US

Klas Government,  
1101 30th Street NW,  
Suite 500, Washington,  
DC 20007.

Tel: +1 202-625-8315



[www.klasgroup.com](http://www.klasgroup.com)

# KLAS

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## Specifications



### PHYSICAL SPECIFICATIONS

- 7.9" L x 7.4" W x 6.4" H (201 x 188 x 162 mm)
- 7.3 lb / 3.3 kg

### ELECTRICAL SPECIFICATIONS

- 12 VDC Input
- Power consumption:
  - NVIDIA Tesla P6: 170 W
  - NVIDIA Quadro T1000: 130 W
  - NVIDIA Quadro RTX3000: 170 W
  - NVIDIA Quadro RTX5000: 200 W

### PORTS

- 4 x HDMI ports
- 2 x 10 Gb SFP+ ports
- 2 x 1 Gb Ethernet ports
- 2 x USB 3.0 ports
- 1 x VGA port
- 1 x Voyager Ignition Key (VIK+) port

- 1 x Console Management port
- 1 x Dual SATA 2.5" slot

### OPERATING TEMPERATURE RANGE

- 0°C to 50°C

### GPU OPTIONS

NVIDIA Pascal-based GPU option:

- Tesla P6 with 2,048 CUDA Cores

NVIDIA Turing-based GPU options:

- Quadro T1000 with 768 CUDA Cores
- Quadro RTX 3000 with 2,304 CUDA Cores, 36 RT Cores & 288 Tensor Cores
- Quadro RTX 5000 with 3,072 CUDA Cores, 48 RT Cores & 384 Tensor Cores

### CONSTRUCTION

- Aluminum chassis

### COMPLIANCE

Designed to:

- MIL-STD-810
- MIL-STD-461
- FCC CFR 47 Part 15 Subpart B Class A
- RoHS Directive
- REACH



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