



MAGOS-AI APPLIANCE

The Magos AI Appliance adds deep-learning video analytics to any IP camera. When connected to Magos Area Surveillance System (MASS) software, customers can improve radar detection performance and get automated target classification capability - greatly reducing nuisance alarms from wildlife and moving vegetation, and improving target detection and tracking performance.



KEY FEATURES

- Appliance features leading CPU and GPU hardware that simultaneously support Magos Area Surveillance Software with AI capabilities.
- Supports up to 10 PTZ cameras concurrently and can be stacked with more appliances to fit any number of cameras and radars
- Preloaded and configured with Magos' MASS and AI analytics technology
- High capacity video analytics processing
- Supports any ONVIF compliant cameras
- Pre-configured for quick and easy setup with MASS software
- Dual hot-swappable power supplies for high availability in the event of component failure
- An easy to access and maintain 1U rack mount chassis – includes a sliding rail kit



SPECIFICATIONS

SYSTEM

Control Software: Magos Area Surveillance System – compatible with version 3.1 or above

Operating System: Hardened Linux, supports secure remote upgrades

Network Video Streaming Performance:

- 1 GbE
- Up to 600 Mbps over a single connection
- 5 x 2MP (10fps)

Recording Storage Capacity: None

Drive Configuration: Mirrored OS – 2 x M2 drives, RAID 1

Network Interface: 1 x 1GbE RJ-45 ports (1000Base-T)

Graphics Processing Unit: NVIDIA Quadro®

Video Outputs: 4 x HDMI – for administration only

Local Viewing: Yes or web-based administration

MECHANICAL

Form Factor: 1U rack mount chassis

Dimensions (LxWxH): 589 mm x 482 mm x 43 mm | 23.2" x 18.9" x 1.68"

Weight: 8.8 kg (19 lbs)

ELECTRICAL

Power Input: 100 to 240 V AC, 50/60 Hz, auto-switching

Power Supply: 550 W redundant, hot-swappable (1+1)

Power Consumption: Average: 350W (1200 BTU/h), Maximum: 550W (1880 BTU/h)

ENVIRONMENTAL

Operating Temperature: 10°C to 35°C (50°F to 95°F)

Storage Temperature: -40°C to 65°C (-40°F to 149°F)

Humidity: 10% to 85% relative humidity with 40°C max. dew point

Operating Vibration: 0.26 Grms at 5 Hz to 350 Hz

Storage Vibration: 2.0 Grms at 10 Hz to 500 Hz for 15 min

Operating Shock: 10G

Storage Shock: 70G

SUPPLIED ACCESSORIES

Rack Rail System Sliding rail system. Supports:

- Tool-less mounting in 19"-wide EIA-310-E compliant square hole and unthreaded round-hole 4-post racks
- Tool-less mounting in threaded hole 4-post racks

Bezel

- 1, front

Power Cords

- 2

ANALYTICS PERFORMANCE

Decoding Channels: 5

Immediate Analytics Channels: 2

DEVICE TYPES SUPPORTED

ONVIF compliant PTZ cameras with absolute move capability

WARRANTY

3 year warranty with on-site parts delivery service