



# MAGOS-AI APPLIANCE

## MAGOS ARTIFICIAL INTELLIGENCE 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.

It supports up to 5 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

A three-year warranty with on-site parts delivery service



# Specifications



<b>SYSTEM</b>	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
	<b>MECHANICAL</b>	Form Factor
Dimensions (LxWxH)		589 mm x 482 mm x 43 mm; 23.2" x 18.9" x 1.68"
Weight		8.8 kg (19 lbs)
<b>ELECTRICAL</b>	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)
<b>ENVIRONMENTAL</b>	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
<b>SUPPLIED ACCESSORIES</b>	Rack Rail System	Sliding rail system. Supports: <ul style="list-style-type: none"> <li>• Tool-less mounting in 19"-wide EIA-310-E compliant square hole and unthreaded round-hole 4-post racks</li> <li>• Tooled mounting in threaded hole 4-post racks</li> </ul>
	Bezel	1, front
	Power Cords	2
<b>ANALYTICS PERFORMANCE</b>	Decoding channels	5
	Immediate Analytics channels	2
<b>DEVICE TYPES SUPPORTED</b>		ONVIF compliant PTZ cameras with absolute move capability