

KAPTA 640 Datasheet

– Description

Kapta 640 is a multispectral vision sensor for automatic and beaconless human tracking. A Kapta 640 can cover an area of up to 20 meters wide by 12 meters deep for an installation at 10 meters high. Its simple installation allows the tracking system to be set up in less than 20 minutes.

Its wide installation height range and large field of view give it the versatility to operate on many stage configurations.

Two Kaptas 640 can be connected to the same Kore to increase the achievable tracking area and expand the tracking possibilities.

– Features

- 5 on-board cameras (1 visible camera, 2 infrared cameras, 2 thermal cameras) for optimal operation in all conditions and situations.
- Integrated infrared projectors for operation in total darkness.
- Motorized covers protect the camera optics when the sensor is not in use.
- Robust and simple design, allowing easy and discreet integration.
- Simple connectivity: Only a power cable and an Ethernet cable are required to operate the Kapta 640.

– Characteristics

Dimensions (lxwxh)	1560 x 120 x 80 mm
Weight	12 kg
Power input	220 W - 230 Vac, 50 Hz
Operating temperature range	0 - 45 °C
connectivity	Power : PowerCON TRUE1 – TOP Data : EtherCON (Cat6a)
Rigging	2 standard hooks
Field of View	95° HFoV, 76° VFoV
Maximum tracking area size	Opening 20 m, Depth 12 m
Installation height	5 m – 15 m
Power of the infrared floodlights	160 W
Data rate required per Kapta 320	1 Gbit/s
Noise measurements	Fans min. : 38 dB(A) Fans max. : 53 dB(A)
Controls from Kratos software	Cameras parameters (fps, exposure, gain, AGC...) Infrared floodlights dimming Opening / closing shutters
Accessories	Yokes Flightcase Carrying case

