

# KAPTA 320 Datasheet

## – Description

Kapta 320 is a multispectral vision sensor for automatic and beaconless human tracking. A Kapta 320 can cover an area up to 10 meters wide by 8 meters deep for an installation at 6 meters high. Its simple installation allows the tracking system to be set up in less than 20 minutes.

Its reduced cost compared to a Kapta 640 makes it interesting for configurations where the required tracking area is limited. Its wide field of view gives it a versatility that allows it to work on many stage configurations.

Two Kaptas 320 can be connected to the same Kore to increase the achievable tracking area and extend the tracking possibilities..

## – 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	92° HFoV, 74° VFoV
Maximum tracking area size	Opening 10 m, Depth 8 m
Installation height	5 m – 8 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

## – Features

- 5 on-board cameras (1 visible camera, 2 infrared cameras, 2 thermal cameras) for optimal operation in all conditions and situations.
- Integrated infrared floodlight 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.

