

SMA VT22-2000

Uncooled Multi-spectral Intelligent Tracking Camera

Integrated ultra long focal visible light fog transparent HD network camera, remote passive infrared thermal imaging detector, intelligent recognition module.



Parameters

Features

- High-definition image resolution.
- Auto-focus during tracking with radar distance info.
- Over 80 target classification recognition.
- Compatibility with radar, RF detection, TDOA systems.
- Capable of physical tracking and positioning of moving targets.
- Integrated visible light and infrared thermal imaging.

Thermal Camera

Focal length	30-150 mm
Resolution	640*512
Pixel Pitch	17 μ m
Spectral Band	7.5-14 μ m
NETD	$\leq$ 40 mK
Frame Rate	25 / 30 fps

Performance

Visible Light Detection Distance	$\geq$ 5 km
Thermal Imaging Detection Distance	$\geq$ 2 km
Visible Light Tracking Distance	$\geq$ 4 km
Thermal Imaging Tracking Distance	$\geq$ 1.5 km
Target Recognition Quantity	$\geq$ 20
Target Search Frequency	$\geq$ 25 FPS
Target Locking Delay	$\leq$ 100 ms
Target Tracking Frequency	$\geq$ 25 FPS
Single Frame Tracking Delay	$\leq$ 40 ms
Target Recognition Frequency	$\geq$ 50 FPS
Single Frame Comparison Delay	$\leq$ 20 ms
Target Maximum Speed	20 m/s

Gimbal

Control Accuracy	$\pm$ 0.01°
Horizontal Rotation Range	360°
Vertical Rotation Range	-45°~ 70°
Max. Horizontal Speed	0.05°~80°/s
Max. Pitch Speed	0.05°~80°/s

Zoom Camera

Focal length	12.3-800mm
Frame Rate	25 / 30 fps
Resolution	1920*1080
Optical Zoom	65x
Image Defogging	Optical Defogging

General

Power Source	DC 24V / 10A
Total Power	$\leq$ 300 W
Dimensions	618*500*675 mm
Weight	75 kg

Environment

IP Protection Rating	IP66
Operating Temperature	-20 ~ 60 °C

CONTACT CHINA MONEYPRO GROUP NOW:

EMAIL: SALES@MONEYPROUAV.COM

MOBILE: +86-18126437260 (WHAT'S UP) MS. AMY LUO