



# DATASHEET

## **PREDATOR 150 MkIII**

PROFESSIONAL 5 AXIS STABILIZED  
MULTISENSOR CAMERA SYSTEM

Datasheet v 1.0 / January 2022

SYSTEM SPECIFICATIONS	
Dimensions	Height: 231.8 mm, Dome width: 147 mm, Dome length: 203.8 mm
Weight	2860 g
Stabilization	3 axis mechanical + 2 axis electronical + software stabilization
Rotation limits	PAN: 360° continuous TILT: +65° / -135° (Hardware) - Software limited to +55° / -120° ROLL: ± 80° (Hardware) - Software limited to ±70°
Voltage input	15-26 (OPTIMAL 24 V)
Power consumption	~25 W
Slew rate	180 °/s
IP protection	IP 66
EO CAMERA	
Sensor	FULL HD GLOBAL SHUTTER CAMERA SENSOR
Type	1/1.8"-CMOS type
FOV	1080p: 55° (wide end) to 2.0° (tele end)
Resolution	1920 x 1080 pixel-up to 60 fps
Zoom	Zoom on FULL HD = Optical 30x + Digital 16x = Total 480x zoom
IR (low light operation)	Yes
Defog option	Yes
IR CAMERA Radiometric	
Pixel pitch	17 µm
Spectral range	Longwave infrared; 7.5 µm-14 µm
Thermal Sensitivity	<50 mK
Resolution	640 x 480 px
Zoom	4x digital
Frame rate	30 fps
Lense	35 mm, 17.6° x 13.2°
VIDEO FEATURES	
Video stabilization	Yes
Object tracking	Yes
Video enhancement	Yes
H.264 Video codecs	Yes
H.265 Video codecs	Yes
Artificial intelligence	Yes – onboard computer for custom algorithms integration on request
LASER RANGE FINDER	
Range	Up to 4.5 km
Measure rate	1-200 Hz
Precision	< 1m
Eye safe	Laser Class 1 (EN 60825-1:2007) (IEC 60825-1:2007)