

PREDATOR

3 AXIS DUAL CAMERA GIMBAL



Datasheet v 1.0

10. January 2019

SYSTEM SPECIFICATIONS	
Dimensions	Height: 195 mm, Width: 120 mm
Weight	1600 g
Stabilization	3 axis mechanical + software stabilization
Rotation limits	Pan: 360° continuous, PITCH: + 45° to - 135 °
Voltage input	9 -25 V
Power consumption	12W
Slew rate	Optional
EO CAMERA	
Sensor	FULL HD
Type	1/2.8-type
FOV	63.7°(wide end) to 2.3°(tele end)
Resolution	1920 x 1080 pixel
Zoom	Optical 30x + Digital 12x = Total 360x zoom
IR low light operation	Yes
Defog	Yes
IR CAMERA	
Pixel pitch	12 μm
Spectral range	Longwave infrared; 7.5 μm – 13.5 μm
Thermal Sensitivity	<40 mK (Industrial); <50 mK (Professional); <60 mK (Consumer)
Resolution	640 x 512 px
Zoom	2x – 4x digital
Frame rate	9 – 60 hz (optional)
Lense	18° (HFOV) – more options available
VIDEO FEATURES	
Digital video stabi.	Yes
Object tracking	Yes
Scene lock	Yes
H.264 Video encoding	Yes
Defog	Yes
Infrared sensitivity	Yes