

NEXTECH

TACTICAL DUAL SENSOR GIMBAL



SYSTEM SPECIFICATIONS

Stabilization:	<150 μ rad
Weight:	1770 grams
Size:	140 mmx189 mm diameter
Environmental protection:	IP64 rated
Operating temperature:	-25°C to +50°C
Rotation limits:	340° continuous pan, -90° to +90° elevation
Slew rate:	120 deg/sec
Power:	40W peak, 20 W typical
Input voltage:	24 volts
Video out:	Digital H.264 encoded video, analog, PAL, or NTSC
Control interface:	RS 232, Ethernet

ONBOARD IMAGE PROCESSOR SPECIFICATIONS

Object tracking:	Yes
Scene steering:	Yes
Software roll correction:	Yes
Software stabilization:	Yes

3 London Circle, Brackengate Businesspark, Brackenfell, Cape Town, South Africa

www.shop.airbornedrones.co

contact@airbornedrones.co

tel:+27875504319



HD Video output:	1080p HD output
Onboard Video Recording & Snapshots:	32 Gb onboard memory
H.264 encoding:	Yes
Moving Target Indicator:	Yes
Video Enhancement:	Yes
Geo-Location Feature:	Yes
Moving Map Software:	Yes

LASER RANGEFINDER SPECIFICATIONS

Class :	I (Eyesafe)
Type:	Diode laser
Range:	Up to 5000m
Accuracy:	Better than 1m

LASER ILLUMINATOR SPECIFICATIONS

Class:	IIIb
Wavelength:	830nm
Power output:	50mW

EO SENSOR SPECIFICATIONS

Global shutter:	Yes
Vertical FOV:	37.9°-1.3°
Resolution:	HD 1080p
Optical zoom:	30

IR SENSOR SPECIFICATIONS

Type:	LWIR uncooled
IR lens:	.4x optical zoom lens 18 - 60m 25.4° - 7.7°
Vertical FOV Resolution:	SD (640x512px)
Frame rate:	30 fps
Sensitivity:	<30mK

3 London Circle, Brackengate Businesspark, Brackenfell, Cape Town, South Africa

www.shop.airbornedrones.co contact@airbornedrones.co tel:+27875504319