

# **NEW** Dragon 640 TL / TD / TV



**WORLD'S LIGHTEST THERMAL IMAGER**

**ADVANCED ERGONOMIC DESIGN**

**MEDIUM RANGE**

**NEW HIGH RESOLUTION**

**EXTRA HIGH SENSITIVITY**

## **APPLICATIONS** RECONNAISSANCE

SURVEILLANCE

BORDER PATROL

TARGETING

## **FEATURES**

New high resolution, 640 x 480 LWIR Microbolometer, EXTRA HIGH SENSITIVITY 40 mK

Integrated Laser Range Finder (LRF), Digital compass and GPS

Laser pointer

Designed for rough environment MIL-STD-810, IP67

Convenient case color

Remote control, motorized tripod

## **DESCRIPTION**

Superior image quality and sensor sensitivity for rough environment

Locate point of interest with LRF in the 2 km range and acquire its coordinates, azimuth and elevation

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Endurance of equipment provides successful mission

Available in Olive green, Desert sand or Navy gray

Quick transformation into wireless (WiFi, 3G) remote control stationary system with tripod and remote control unit





**TECHNICAL SPECIFICATIONS**

	TL	TD	TV
Resolution		640x480 px	
Detector pitch		17 µm	
Lens	75mm F1.3 FOV(8.2° x 6.2°)	75mm F1.0 FOV(8.2° x 6.2°)	100mm F1.4 FOV(6.2° x 4.6°)
Frame rate		9 / 25 fps	
Export restricted		25 fps only	
NETD		< 40mK	
Switch-on time		3 sec	
Environment		Certified to IP67 / MIL-STD-810F	
Automatic Calibration		Yes	
Temperature range		-25° to +55°C	
Zoom		Continuous up to x8	
Polarity		W/B/C	
Focus		Electronic Focus	
Covert/Standby Mode		Yes	
Display Type		Dual LCD/Oled 800x600	
Video Out		Composite (PAL/NTSC)	
Remote Control capability		Yes	
Power / Battery Life		Rechargeable Battery 7,2V, (7-10h)	
External Power		9-36V DC	
Weight net / with battery		1150g/1450g	
<b>OPTIONS</b>			
Built-In LRF		905/1550nm, 2 km range	
Built-In DMC		Auto/manual calibration	
Built-In GPS/GLONASS		Yes	
Built-In Video recorder		PAL/NTSC, Compression H.264, 64GB	
Built-In CCTV		Zoom 36x	
Remote control unit		Wire, Wireless (WIFI & 3G)	
Built-In Laser pointer		Up to 2km	

