Eye Safe Laser Range Finder (ESLRF):

Condor LRF series are consisted by 1570nm Nd:YAG / OPO eyesafe laser transmitter (Tx) module, APD with time variant gain laser receiver module (Rx), the relative electronic circuits boards, compact mechanical inner structure and rugged enclosure for integration into sensing, surveillance, tracking & weapons stations, and thermal imaging cameras & gimbals; for land, sea or airborne applications; designed to withstand vibration, shock, and extended temperature operation.

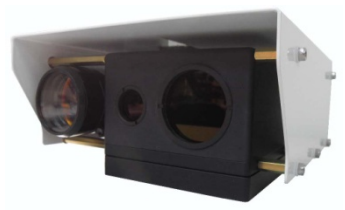
Base on customer required, we supply the 1570nm Tx, Rx and relative electronics module and parts, and accept customized rugged enclosure design/manufacture and OEM LRF modules and system assembly & test.

Ranging Rate / Range Class	Single shot to 0.2Hz (max)
≧ 7Km	Condor VII
≧ 20Km	1.Condor II-C(SS) 2.Condor III-A

Condor VII :

Output Energy (mJ) : ≧6
Ranging Rate (Hz) : Single shot (5/minuite,10max)
Range finding : 100m ~7,000m
Range Accuracy(m) : ±2
Laser Safety : Class1 Eyesafe
Power : +12 VDC
Communication : RS422 or RS232

Condor II-C :



Output Energy (mJ) : ≧8
Ranging Rate (Hz) : Single shot to 0.2Hz
Rang finding : 100m ~20,000m
Range Accuracy(m) : ±2
Laser Safety : Class1M Eyesafe
Power : +12 VDC
Communication : RS422

Condor III-A TL :

The Condor III-A is an advance Hand-Held Target Locator that can accurately identify enemy position and locations during the day. The Condor III-A combines a class I eyesafe laser rangefinder, a digital magnetic compass, an embedded Global Position System (GPS), SVGA AMOLED binocular eyepiece display and an RS-422 / RS-232 digital interface into a compact lightweight handheld device ideally suited for artillery forward observers, forward air control, mortar launch control observers and long range reconnaissance patrols.

Output Energy (mJ) : ≧8
Ranging Rate (Hz) : Single shot to 0.2Hz
Range finding : 100m ~20,000m
Range Accuracy(m) : ±2
Laser Safety : Class1M Eyesafe
Day Camera : HAD CCD, 36X zoom/12 Digital, 440K effective pixels (PAL) Camera
OLED Display: 800 x 600 pixels, pixel size 15 μ m
Optical Eyepiece: 10x and FOV 33.9° x 28.5°
DMC Accuracy : 0.5° (AZ &EL)
GPS Accuracy : ± 5m
Power : +12 VDC
Communication : RS422