



LP17D Mini Laser Rangefinder Module

Main Features:

- Extremely Compact
- High RF Performance
- Integrated Boresighting Camera
- Class 1 Eye Safe Laser
- High Pulse Repetition Rate
- Prolonged Lifetime
- Rugged & Sealed Package
- Multiple System Interface Options





LP17D Technical Parameters

- Emitted energy: < 2-5 mJ (class 1 according to IEC)
- NOHD: 0 m
- Pulse repetition rate: 2 pps continuous
- Divergence (70% of energy): < 0.75 mrad
- Extinction value: ≥ 37 dB*
- Measuring range: 80m to 25km
- Range resolution: 2m
- Multiple Target resolution: ≤ 50 m

* Test target: Reflection 90%, Range 500m, Atmospheric attenuation =0.05/km, visibility $V_n=10$ km, (TPG off)



LP17D Technical Parameters

- Camera: Colour CMOS
PAL (768x576 pixels) / NTSC (640x480 pixels)
- Multiple targets: first, second & last
- Interface: RS 422 & RS 232
- External power: 14 to 33Vdc
- Operating temp: - 40°C to 63°C
- Storage temp: - 45°C to 71°C
- Shock: 40g, 15-23ms, half sinus
- Dimensions: 59 x 41 x 112 mm³
- Weight: <520 g



LP17D Production Status

- Successfully demonstrated on LEOIII Airborne observation systems (special LEO version)
- Successfully demonstrated for FLIR Systems Inc.
- Qualification models are manufactured (5x) and completed as of July 2010
- Pre-production (10x units) manufacturing third and fourth quarter of 2010
- Serial Production end of first quarter of 2010 (>1000/annum)