



THERMAL IMAGING DEVICES

QUANTUM LD19A

PL77326

- 384x288 resolution with 9hz refresh rate
- Up to 515 yd detection range
- "White hot" or "Black hot" modes
- LCD Display
- Video out
- Quick start-up
- Lightweight and compact dimensions

TECHNICAL SPECIFICATIONS

Quantum LD19A -PL77326

Frame rate, Hz	9
Microbolometer resolution, pixels	384x288
Sensor response	LWIR
Spectral sensitivity, μm	7.7...13.2
Pixel pitch, μm	25
Display type	LCD Display
Display resolution, pix	640x480
Video output	PAL/NTSC
Pin type of video input/output	Jack 3.5 mm
Operation modes	city,forest,identification
Defective pixel repair option	yes
Magnification, x	1-2
Digital zoom, x	2
Lens diameter, mm	16
Lens focus, mm	19
Relative aperture, D/f'	1:1.2
Field of view, °, horizontal * vertical	26.8 x 20.8
Field of view, m@100m, horizontal * vertical	50.5 x 38
Minimum focusing distance, m	3
Eye relief, mm	20
Exit pupil, mm	5
Diopter adjustment, dptr.	± 5
Focusing type of distance	internal
Range of detection, m / yd	470/515
Power supply, V	4 \div 6
Battery type	4xAA
Battery life, hour	5.5
External power supply	DC 8.4 \div 15
Lens material	germanium
Body material	glass-nylon composite
Tripod mount, inch	2x1/4
Type of mount for additional accessories	weaver
Operating temperature, °C/°F	-15 to 50 / 5 to 122
Degree of protection	IPX4
Calibration	manual, automatic, semi-auto
Dimensions, mm	180x86x58
Weight (without batteries), oz	11.3



INCLUDED ACCESSORIES

- Carrying Case
- Output video cable
- Hand strap
- Car adapter
- Battery container
- Lens cleaning cloth

