PULSAR

THERMAL IMAGING DEVICES

QUANTUM
LD19S
PL77314



- 1.1x magnification
- 2x digital zoom
- Manual, automatic & semi automatic calibration modes
- Hot white/black viewing modes
- Video output
- OLED display

TECHNICAL SPECIFICATIONS

Quanum LD19S - PL77314

Frame rate, Hz	9
Microbolometer resolution, pixels	384x288
Sensor response	LWIR
Spectral sensitivity, µm	7.7 ...13.2
Pixel pitch, µm	25
Video output	PAL/NTSC
Display resolution, pixels	640x480
Display diagonal, inch	0.31
Video IN/OUT availability	no/yes
Pin type of video input/output	Jack 3.5 mm
Magnification	1.1
Lens diameter, mm	16
Lens focus, mm	19
Relative aperture, D/f'	1:1.2
Field of view, º, horizontal * vertical	26.8x20.8
Field of view, m@100m, horizontal * vertical	50.5x38
Minimum focusing distance, m	3
Eye relief, mm	20
Exit pupil, mm	8
Diopter adjustment, dptr.	± 5
Focusing type of distance	internal
Range of detection, m	500
Power supply, V	4 ÷ 6
Battery type	4xAA
External power supply	DC 8.4 ÷ 15
Lens material	germanium
Body material	glass-nylon composite
Tripod mount, inch	2x1/4
Type of mount for additional accessories	weaver
Operating temperature, ºC	-20 ... +50
Degree of protection	IPX4
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

