



THERMAL IMAGING DEVICES

QUANTUM HD19A

PL77325



- 384x288 resolution with 30hz 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 HD19A -PL77325

Frame rate, Hz	30
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 ÷ 6
Battery type	4xAA
Battery life, hour	5.5
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, °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

