PULSAR

THERMAL IMAGING DEVICES

QUANTUM XD50A

PL77329



- 384x288 resolution with 50hz refresh rate
- Up to 1200 yd detection range
- “White hot” or “Black hot” modes
- LCD Display
- Video out
- Quick start-up
- Lightweight and compact dimensions

TECHNICAL SPECIFICATIONS

Quantum XD50A -PL77329

Frame rate, Hz	50
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	2.5 - 5
Digital zoom, x	2
Lens diameter, mm	42
Lens focus, mm	50
Relative aperture, D/f'	1:1.2
Field of view, º, horizontal * vertical	11 x 8.3
Field of view, m@100m, horizontal * vertical	19.2 x 14.4
Minimum focusing distance, m	5
Eye relief, mm	20
Exit pupil, mm	5
Diopter adjustment, dptr.	± 5
Focusing type of distance	internal
Range of detection, m / yd	1100/1200
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, ºC/ºF	-25 to 50 / -13 to 122
Degree of protection	IPX4
Calibration	manual, automatic, semi-auto
Dimensions, mm	207x86x59
Weight (without batteries), oz	15.2



INCLUDED ACCESSORIES

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

