



## THERMAL RIFLESOPES



# APEX XD38A

PL76416

- 384x288 resolution, 50hz refresh rate
- High resolution LCD display
- 950m detection range (human)
- One-shot zeroing with freeze function
- Continuous 4x digital zoom with picture in picture feature
- Manual, automatic, and semi automatic calibration modes
- Memorization of 3 zeroing parameters

- 10 variable electronic reticles
- IRIS technology, increased recognition and detection software
- Rock, forest, and identification viewing modes
- Hot white/ hot black viewing modes
- Defective pixel repair feature
- Video output
- External power supply adaptable



# TECHNICAL SPECIFICATIONS

## Apex XD38A -PL76416

Type of Microbolometer	Uncooled Microbolometer
Frame Rate, Hz	50
Microbolometer resolution, pix	384x288
Spectral Sensitivity, $\mu\text{m}$	8-14
Pixel Pitch, $\mu\text{m}$	25
Video format	PAL/NTSC
Display type	LCD
Display Resolution, pix	640x480
Operation modes	rocks, forest, identification
Magnification, x	1.5-6x
Digital zoom, x	continuous zoom 1x-4x
Lens diameter, mm	32
Lens focus, mm	38
Relative aperture, D/f'	1:1.2
Field of View, $^{\circ}$ horizontal * vertical	14.4/10.8 - 2x zoom (7.2/5.4) - 4x zoom (3.6/2.7)
Field of View, m@100m, horizontal	25 (2x zoom- 12.5/4x zoom -6.25)
Minimum focusing distance, m	5
Eye Relief, mm	67
Diopter adjustment, dptr.	-4...+3.5
Focusing type of distance	objective
Range of detection, yd/m (object (human=1.7*0.5m))	1050,950
Power Supply	4-6V
Battery type	2xCR123
Battery life (w/ video out off), hrs	5
External Power Supply	Pulsar EPS3 or EPS5
Windage & Elevation, 1 click (H/V), mm@100m	40/40
Windage & Elevation adjustment range, mm	8000/8000
Number of preloaded reticles	10
Reticle type	variable electronic reticles
Lens Material	germanium, glass
Body Material	glass-nylon composite
Type of mount for attachment of additional accessories	Weaver
Operating temp, $^{\circ}\text{F}/^{\circ}\text{C}$	5 to 122 / -15 to +50
Level of Protection (acc. to IEC 60529)	IP67 100% dustproof and submersible to 1m for 1 hour
Calibration	manual, automatic, semi-automatic
Shockresistance on rifled weapon, J	6000
Mounting brackets on weapon	weaver/picatinny
Remote control	wireless
Dimensions, mm	335x80x75
Weight (w/o batteries, w/o mount) oz/g	21.2/601



### INCLUDED ACCESSORIES

- Apex XD38A Thermal Weapon Sight
- Wireless Remote control
- adapter cable
- 2xCR123
- Carrying case
- Cleaning cloth
- User manual
- warranty card