



## THERMAL RIFLESOPES

# APEX XD50

PL76425

- 384x288 resolution, 50hz refresh rate
- High resolution OLED display
- 1,400yd detection range
- One-shot zeroing with freeze function
- 2x 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
- White hot / black hot viewing modes
- Defective pixel repair feature
- Video output
- External power supply adaptable



# TECHNICAL SPECIFICATIONS

## Apex XD50 -PL76425

Type of Microbolometer	Uncooled Microbolometer
Frame rate, Hz	50
Microbolometer resolution, pix	384x288
Spectral sensitivity, $\mu\text{m}$	8-14 $\mu\text{m}$
Pixel pitch, $\mu\text{m}$	25
Video format	PAL/NTSC
Display type	OLED
Display resolution, pix	640x480
Operation modes	rocks, forest, identification
Magnification, x	2-4x
Digital zoom, x	continuous zoom 1x-2x
Lens diameter, mm	42
Lens focus, mm	50
Relative aperture, D/f'	1:1.2
Field of view, ° horizontal * vertical	11/8.2 - 2x zoom (5.5/4.1)
Field of view, m@100m, horizontal	19.2 / 2x zoom- 9.6
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)	1400/1250
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	30/30
Windage & elevation adjustment range, mm	6000/6000
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, °F/°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
Shock resistance on rifled weapon, J	6000
Mounting brackets on weapon	weaver/picatinny
Remote control	wireless
Dimensions, in/mm	13.5x3.14x2.95 / 343x80x75
Weight (w/o batteries, w/o mount) oz/g	24.7 / 700



### INCLUDED ACCESSORIES

- Wireless remote control
- Adapter cable
- 2xCR123
- Carrying case
- Cleaning cloth
- User manual
- Warranty card