



THERMAL RIFlescOPES

APEX

XD75A 3-12x52

PL76476

- 384x288 resolution, 50hz refresh rate
- High resolution LCD display
- 1,750yd detection range
- One-shot zeroing with freeze function
- 4x digital zoom - continuous zoom and 1x, 2x, 4x stepped zoom
- 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 and sepia viewing modes
- Defective pixel repair feature
- Video output
- External power supply adaptable

TECHNICAL SPECIFICATIONS

Apex XD75A 3-12x52-PL76476

Type of Microbolometer	Uncooled Microbolometer
Frame rate, Hz	50
Microbolometer resolution, pix	384x288
Spectral sensitivity, μm	8-14
Pixel pitch, μm	25
Video format	PAL/NTSC
Display type	AMLCD
Display resolution, pix	640x480
Operation modes	rocks, forest, identification
Defective pixel repair option	yes
Magnification, x	3-12x
Digital zoom, x	continuous zoom 1x-4x
Lens diameter, mm	52
Lens focus, mm	75
Relative aperture, D/f'	1:1.4
Field of view, ° horizontal * vertical	7.2 / 5.4 - 2x zoom (3.6 / 2.7)
Field of view, m@100m, horizontal	12.8 (2x zoom - 6.4)
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)	1750 / 1600
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
Waterproof	yes
Calibration	manual, automatic, semi-automatic
Shock resistance on rifled weapon, J	6000
Mounting brackets on weapon	Weaver / Picatinny
Remote control	wireless
Dimensions, in/mm	15x3.1x3 / 381x80x75
Weight (w/o batteries, w/o mount) oz/g	27.2 / 770

Boasting a crisp LCD display and 50hz frame rate, the Pulsar Apex 3-12x52 XD75A Thermal Riflescope delivers flawless target recognition of fast-moving objects up to 1,750 yards. Its thermal core resolution of 384x288 captures maximum thermal energy efficiently for a more detailed “white hot” and “black hot” image.



INCLUDED ACCESSORIES

- Apex XD75A Thermal Weapon Sight
- Wireless remote control
- Adapter cable
- 2xCR123
- Carrying case
- Cleaning cloth
- User manual
- Warranty card