

## **TECHNICAL SPECIFICATIONS**

Apex XD38A -PL76416

Frame Rate, Hz  Microbolometer resolution, pix  Spectral Sensitivity, µm  Pixel Pitch, µm  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  Lens diameter, mm  32  Lens focus, mm  Relative aperture, D/f'  Field of View, ohorizontal  Field of View, m@100m, horizontal  Field of View, m@100m, horizontal  System Syst	Type of Microbolometer	Uncooled Microbolometer
Microbolometer resolution, pix  Spectral Sensitivity, µm  Pixel Pitch, µm  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  Lens diameter, mm  32  Lens focus, mm  Relative aperture, D/f'  Field of View, ohorizontal  Field of View, m@100m, horizontal  Minimum focusing distance, m  Sye Retief, mm  Diopter adjustment, dptr.  Focusing type of distance  Range of detection, yd/m (object (human=1.7*0.5m)  Power Supply  Battery type  Pulsar EPS3 or EPS5  Windage & Elevation adjustment range, mm  8000/8000		
Spectral Sensitivity, µm  Pixel Pitch, µm  25  Video format  PAL/NTSC  Display type  LCD  Display Resolution, pix  640x480  Operation modes  rocks, forest, identification  Magnification, x  Digital zoom, x  Lens diameter, mm  Lens focus, mm  Relative aperture, D/f'  Field of View, ohorizontal  Field of View, m@100m, horizontal  Field of View, m@100m, horizontal  Field of View, m@100m, horizontal  Sey Relief, mm  67  Diopter adjustment, dptr.  Focusing type of distance  Range of detection, yd/m (object (human=1.7*0.5m)  Power Supply  Battery type  Battery type  Battery type  Battery type  Battery type  Pulsar EPS3 or EPS5  Windage & Elevation adjustment range, mm  8000/8000  Windage & Elevation adjustment range, mm  8000/8000		
Pixel Pitch, µm         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, ohorizontal * 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 Use (w/ vido 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 </th <th>1.2</th> <th></th>	1.2	
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Display Resolution, pix Operation modes rocks, forest, identification 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,ohorizontal * vertical 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. Focusing type of distance Range of detection, yd/m (object (human=1.7*0.5m) Power Supply Battery type Battery type Battery Using (w/ vido out off), hrs External Power Supply Pulsar EPS3 or EPS5 Windage & Elevation adjustment range, mm 8000/8000 Windage & Elevation adjustment range, mm 8000/8000		, , , , , , , , , , , , , , , , , , , ,
Operation modesrocks, forest, identificationMagnification, x1.5-6xDigital zoom, xcontinuous zoom 1x-4xLens diameter, mm32Lens focus, mm38Relative aperture, D/f'1:1.2Field of View, ohorizontal * vertical14.4/10.8 - 2x zoom (7.2/5.4) - 4x zoom (3.6/2.7)Field of View, m@100m, horizontal25 (2x zoom - 12.5/4x zoom - 6.25)Minimum focusing distance, m5Eye Relief, mm67Diopter adjustment, dptr4+3.5Focusing type of distanceobjectiveRange of detection, yd/m (object (human=1.7*0.5m)1050,950Power Supply4-6VBattery type2xCR123Battery life (w/ vido out off), hrs5External Power SupplyPulsar EPS3 or EPS5Windage & Elevation, 1 click (H/V), mm@100m40/40Windage & Elevation adjustment range, mm8000/8000		
Magnification, x  Digital zoom, x  Lens diameter, mm  32  Lens focus, mm  Relative aperture, D/f'  Field of View, o horizontal * vertical  Field of View, m@100m, horizontal  Signature for the field of View, moderate for the field of View, mod		
Digital zoom, x  Lens diameter, mm  32  Lens focus, mm  38  Relative aperture, D/f'  Field of View, o horizontal * vertical  Field of View, m@100m, horizontal  Solution is a field of View, m@100m, horizontal  Diopter adjustment, dptr.  Focusing type of distance  Range of detection, yd/m (object (human=1.7*0.5m)  Power Supply  Battery type  Supply  A-6V  Battery type  Supply  Battery type  Supply  Pulsar EPS3 or EPS5  Windage & Elevation, 1 click (H/V), mm@100m  Windage & Elevation adjustment range, mm  Windage & Elevation adjustment range, mm  Supply  Continuous zoom 1x-4x  32  Lens diameter, mm  82  Available in 12.2  Ava	•	
Lens diameter, mm  Lens focus, mm  Relative aperture, D/f'  Field of View, o horizontal * vertical  Field of View, m@100m, horizontal  Field of View, m@100m, horizontal  Field of View, m@100m, horizontal  Eye Relief, mm  S  Eye Relief, mm  67  Diopter adjustment, dptr.  Focusing type of distance  Range of detection, yd/m (object (human=1.7*0.5m)  Power Supply  Battery type  Battery type  Battery life (w/ vido out off), hrs  External Power Supply  Windage & Elevation, 1 click (H/V), mm@100m  Windage & Elevation adjustment range, mm  32  38  38  38  38  38  38  38  38  38		continuous zoom 1x-4x
Lens focus, mm  Relative aperture, D/f'  Field of View, horizontal * vertical  Field of View, m@100m, horizontal  Eye Relief, mm  Diopter adjustment, dptr.  Focusing type of distance  Range of detection, yd/m (object (human=1.7*0.5m)  Power Supply  Battery type  Battery type  External Power Supply  Windage & Elevation, 1 click (H/V), mm@100m  Windage & Elevation adjustment range, mm  114.4/10.8 - 2x zoom (7.2/5.4) - 4x zoom (3.6/2.7)  14.4/10.8 - 2x zoom (7.2/5.4) - 4x zoom (3.6/2.7)  14.4/10.8 - 2x zoom (7.2/5.4) - 4x zoom (3.6/2.7)  14.4/10.8 - 2x zoom (7.2/5.4) - 4x zoom (3.6/2.7)  14.4/10.8 - 2x zoom (7.2/5.4) - 4x zoom (3.6/2.7)  14.4/10.8 - 2x zoom (7.2/5.4) - 4x zoom (3.6/2.7)  14.4/10.8 - 2x zoom (7.2/5.4) - 4x zoom (3.6/2.7)  14.4/10.8 - 2x zoom (7.2/5.4) - 4x zoom (3.6/2.7)  14.4/10.8 - 2x zoom (7.2/5.4) - 4x zoom (3.6/2.7)  15.6/2  15.6/2  16.6/2		
Relative aperture, D/f'  Field of View, o	, , , , , , , , , , , , , , , , , , ,	
Field of View, ohorizontal * vertical  Field of View, m@100m, horizontal  Field of View, m. 12.5/4x zoom -6.25)  Four specification of the policy men of the policy	·	
horizontal * vertical  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.  Focusing type of distance  Range of detection, yd/m (object (human=1.7*0.5m)  Power Supply  4-6V  Battery type  2xCR123  Battery life (w/ vido out off), hrs  5  External Power Supply  Pulsar EPS3 or EPS5  Windage & Elevation, 1 click (H/V), mm@100m  Windage & Elevation adjustment range, mm  8000/8000	• '	14.4/10.8 - 2x zoom (7.2/5.4) - 4x zoom (3.6/2.7)
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Eye Relief, mm  Diopter adjustment, dptr.  Focusing type of distance  Range of detection, yd/m (object (human=1.7*0.5m)  Power Supply  Battery type  2xCR123  Battery life (w/ vido out off), hrs  External Power Supply  Pulsar EPS3 or EPS5  Windage & Elevation, 1 click (H/V), mm@100m  Windage & Elevation adjustment range, mm  8000/8000	Field of View, m@100m, horizontal	25 (2x zoom- 12.5/4x zoom -6.25)
Diopter adjustment, dptr.  Focusing type of distance  Range of detection, yd/m (object (human=1.7*0.5m)  Power Supply  Battery type  2xCR123  Battery life (w/ vido out off), hrs  5  External Power Supply  Pulsar EPS3 or EPS5  Windage & Elevation, 1 click (H/V), mm@100m  Windage & Elevation adjustment range, mm  8000/8000	Minimum focusing distance, m	5
Focusing type of distance  Range of detection, yd/m (object (human=1.7*0.5m)  Power Supply  Battery type  2xCR123  Battery life (w/ vido out off), hrs  5  External Power Supply  Pulsar EPS3 or EPS5  Windage & Elevation, 1 click (H/V), mm@100m  Windage & Elevation adjustment range, mm	Eye Relief, mm	67
Range of detection, yd/m (object (human=1.7*0.5m)  Power Supply  4-6V  Battery type  2xCR123  Battery life (w/ vido out off), hrs  5  External Power Supply  Pulsar EPS3 or EPS5  Windage & Elevation, 1 click (H/V), mm@100m  Windage & Elevation adjustment range, mm  8000/8000	Diopter adjustment, dptr.	-4+3.5
man=1.7*0.5m)  Power Supply  4-6V  Battery type  2xCR123  Battery life (w/ vido out off), hrs  5  External Power Supply  Pulsar EPS3 or EPS5  Windage & Elevation, 1 click (H/V), mm@100m  Windage & Elevation adjustment range, mm  8000/8000	Focusing type of distance	objective
Battery type 2xCR123  Battery life (w/ vido out off), hrs 5  External Power Supply Pulsar EPS3 or EPS5  Windage & Elevation, 1 click (H/V), 40/40  Windage & Elevation adjustment range, mm 8000/8000	Range of detection, yd/m (object (hu- man=1.7*0.5m)	1050,950
Battery life (w/ vido out off), hrs 5  External Power Supply Pulsar EPS3 or EPS5  Windage & Elevation, 1 click (H/V), 40/40  mm@100m  Windage & Elevation adjustment range, mm 8000/8000	Power Supply	4-6V
External Power Supply Pulsar EPS3 or EPS5 Windage & Elevation, 1 click (H/V), mm@100m Windage & Elevation adjustment range, mm 8000/8000	Battery type	2xCR123
Windage & Elevation, 1 click (H/V), 40/40 mm@100m Windage & Elevation adjustment range, mm 8000/8000	Battery life (w/ vido out off), hrs	5
mm@100m Windage & Elevation adjustment range, mm 8000/8000	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	Number of preloaded reticles	10
Reticle type variable electronic reticles	Reticle type	variable electronic reticles
Lens Material germanium, glass	Lens Material	germanium, glass
Body Material glass-nylon composite	Body Material	glass-nylon composite
	Type of mount for attachment of additional accessories	Weaver
<b>Operating temp, °F/°C</b> 5 to 122 / -15 to +50	Operating temp, °F/°C	5 to 122 / -15 to +50
Level of Protection (acc. to IEC 60529)  IP67 100% dustproof and submergible to 1m for 1 hour	Level of Protection (acc. to IEC 60529)	
Calibration manual, automatic, semi-automatic	Calibration	manual, automatic, semi-automatic
Shockresistance on rifled weapon, J 6000	Shockresistance on rifled weapon, J	6000
Mounting brackets on weapon weaver/picatinny	Mounting brackets on weapon	weaver/picatinny
Remote control wireless	Remote control	wireless
Dimensions, mm 335x80x75	Dimensions, mm	335x80x75
Weight (w/o batteries, w/o mount) oz/g 21.2/601	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