



TECHNICAL SPECS

Camera resolution, pixels, CCIR/EIA 500x582 Display type Micro OLED MDP01A Display resolution, pix. VGA 640x480 Display diagonal, inch 0.31 Video output signal CCIR/EIA Pin type of video output Jack 3.5mm Magnification, x of the digital module 1 Magnification, x when used with Pulsar 10x32 10 Monocular (PL71011) 1 Lens diameter, mm 50 Lens focus, mm 50 Relative aperture, D/f' 1:1 Field of view, m@100m 8.7 Exit pupil, mm 30 Resolution, lines per mm >50 Range of detection, m, with attachable laser illuminator 400 Battery type 4xAA Battery life (w/o IR), hour 2 Battery life (w/o IR), hour 1.5 Remote control type wireless Battery type for remote control CR2032 Click value (horizontal), clicks/mm@100m 13 Click value (horizontal), clicks/mm@100m 13 Click range (vertical), clicks/mm@100m 100/1300 Lens material glass-ny	Camera type (CCIR)	VNA-535-PR-1
Display resolution, pix. Display diagonal, inch O.31 Video output signal Pin type of video output Magnification, x of the digital module Magnification, x when used with Pulsar 10x32 Monocular (PL71011) Lens diameter, mm Lens focus, mm Relative aperture, D/f' Field of view, m@100m Resolution, lines per mm Range of detection, m, with attachable laser illuminator Battery type Battery type Battery life (w/o IR), hour Battery type for remote control CR2032 Click value (horizontal), clicks/mm@100m Click value (vertical), mm@100m Click value (vertical), clicks/mm@100m Lens material Body material Operating Temp, °C Level of protection (acc. to IEC 60529) Dimensions, When assembled with Pulsar 10x32 monocular, mm VGA 640x480 O.31 CCIR/EIA Dimensions, When assembled with Pulsar 10x32 PAGN 43.5mm CCIR/EIA Diana 1 CCIR/EIA Diana 2.5ch Ass.smm Dack 3.5mm 10 Ack 3.5mm Accil Ack 4.5 Ack 4.5 Ack 4.5 Ack 4.5 Ack 4.0 Ack 4	Camera resolution, pixels, CCIR/EIA	500x582
Display diagonal, inch Video output signal CCIR/EIA Pin type of video output Jack 3.5mm Magnification, x of the digital module 1 Magnification, x when used with Pulsar 10x32 Monocular (PL71011) Lens diameter, mm Lens focus, mm Relative aperture, D/f' 1:1 Field of view, m@100m 8.7 Exit pupil, mm 30 Resolution, lines per mm \$50 Range of detection, m, with attachable laser illuminator Battery type 4xAA Battery life (w/o IR), hour Battery life (w/o IR), hour Remote control type Battery type for remote control CR2032 Click value (horizontal), mm@100m 13 Click range (horizontal), clicks/mm@100m 13 Click range (vertical), mm@100m 13 Click range (vertical), clicks/mm@100m 14 Click value (vertical), clicks/mm@100m 15 Click range (vertical), clicks/mm@100m 16 Click range (vertical), clicks/mm@100m 17 Click range (vertical), clicks/mm@100m 18 Click range (vertical), clicks/mm@100m 19 Click value (vertical), clicks/mm@100m 100/1300 Lens material 10 Dipass-nylon composite 11 Dipassions, DFA75, mm 155x82x117 Dimensions, when assembled with Pulsar 10x32 256x82x117	Display type	Micro OLED MDP01A
Video output signal Pin type of video output Jack 3.5mm Magnification, x of the digital module 1 Magnification, x when used with Pulsar 10x32 Monocular (PL71011) Lens diameter, mm Lens diameter, mm Lens focus, mm 50 Relative aperture, D/f' Field of view, m@100m 8.7 Exit pupil, mm Resolution, lines per mm Resolution, lines per mm Range of detection, m, with attachable laser illuminator Battery type 4xAA Battery life (w/o IR), hour 2 Battery life (w/o IR), hour Battery type for remote control CR2032 Click value (horizontal), mm@100m 13 Click range (horizontal), clicks/mm@100m 13 Click range (vertical), nm@100m 13 Click range (vertical), clicks/mm@100m 13 Click range (vertical), clicks/mm@100m 13 Click range (vertical), clicks/mm@100m 100/1300 Lens material Body material Glass Body material Glass Body material Glass Shock resistance on rifled weapon, J Shock resistance on airgun (calibres) Shock resistance on airgun (calibres) Bimensions, when assembled with Pulsar 10x32 monocular, mm	Display resolution, pix.	VGA 640x480
Pin type of video output Magnification, x of the digital module Magnification, x when used with Pulsar 10x32 Monocular (PL71011) Lens diameter, mm Lens focus, mm Relative aperture, D/f' Field of view, m@100m Resolution, lines per mm Range of detection, m, with attachable laser illuminator Battery type Battery type Battery life (w/o IR), hour Battery life (w/o IR), hour Remote control type Battery type for remote control Cick value (horizontal), mm@100m Click range (horizontal), clicks/mm@100m Click value (vertical), mm@100m Lens material Body material Doperating Temp, °C Level of protection (acc. to IEC 60529) Shock resistance on airgun (calibres) Dimensions, When assembled with Pulsar 10x32 monocular, mm 155x82x117 Dimensions, when assembled with Pulsar 10x32 monocular, mm 10x3 10 50 50 And A 400 400 400 400 400 400 400 4	Display diagonal, inch	0.31
Magnification, x of the digital module 1 Magnification, x when used with Pulsar 10x32 10 Monocular (PL71011) 50 Lens focus, mm 50 Relative aperture, D/f' 1:1 Field of view, m@100m 8.7 Exit pupil, mm 30 Resolution, lines per mm >50 Range of detection, m, with attachable laser illuminator 400 Battery type 4xAA Battery life (w/ IR), hour 2 Battery life (w/ IR), hour 1.5 Remote control type wireless Battery type for remote control CR2032 Click value (horizontal), mm@100m 13 Click range (horizontal), clicks/mm@100m 13 Click value (vertical), clicks/mm@100m 100/1300 Lens material glass Body material glass-nylon composite Operating Temp, °C -20+50 Level of protection (acc. to IEC 60529) IPX3 (weather resistant) Shock resistance on airgun (calibres) all Specific life, h 10000 Dimensions, When assembled with Pulsar 10x32 256x82x117	Video output signal	CCIR/EIA
Magnification, x when used with Pulsar 10x32 Monocular (PL71011)10Lens diameter, mm50Lens focus, mm50Relative aperture, D/f'1:1Field of view, m@100m8.7Exit pupil, mm30Resolution, lines per mm>50Range of detection, m, with attachable laser illuminator400Battery type4xAABattery life (w/o IR), hour2Battery life (w/ IR), hour1.5Remote control typewirelessBattery type for remote controlCR2032Click value (horizontal), mm@100m13Click range (horizontal), clicks/mm@100m13Click value (vertical), mm@100m13Lens materialglassBody materialglassBody materialglassOperating Temp, °C-20+50Level of protection (acc. to IEC 60529)IPX3 (weather resistant)Shock resistance on rifled weapon, J6000Shock resistance on airgun (calibres)allSpecific life, h10000Dimensions, DFA75, mm155x82x117Dimensions, when assembled with Pulsar 10x32 monocular, mm256x82x117	Pin type of video output	Jack 3.5mm
Monocular (PL71011)50Lens diameter, mm50Relative aperture, D/f'1:1Field of view, m@100m8.7Exit pupil, mm30Resolution, lines per mm>50Range of detection, m, with attachable laser illuminator400Battery type4xAABattery life (w/o IR), hour2Battery life (w/ IR), hour1.5Remote control typewirelessBattery type for remote controlCR2032Click value (horizontal), mm@100m13Click range (horizontal), clicks/mm@100m80/1040Click value (vertical), ml@100m13Click range (vertical), clicks/mm@100m100/1300Lens materialglassBody materialglass-nylon compositeOperating Temp, °C-20+50Level of protection (acc. to IEC 60529)IPX3 (weather resistant)Shock resistance on rifled weapon, J6000Shock resistance on airgun (calibres)allSpecific life, h10000Dimensions, DFA75, mm155x82x117Dimensions, when assembled with Pulsar 10x32256x82x117	Magnification, x of the digital module	1
Lens focus, mm Relative aperture, D/f Field of view, m@100m Exit pupil, mm Resolution, lines per mm Range of detection, m, with attachable laser illuminator Battery type Battery life (w/o IR), hour Remote control type Battery type for remote control Click value (horizontal), mm@100m Click value (vertical), clicks/mm@100m Click value (vertical), clicks/mm@100m Click range (vertical), clicks/mm@100m Lens material Body material Operating Temp, °C Level of protection (acc. to IEC 60529) Shock resistance on rifled weapon, J Specific life, h Dimensions, When assembled with Pulsar 10x32 monocular, mm 155x82x117 Dimensions, when assembled with Pulsar 10x32 monocular, mm	1 9	10
Relative aperture, D/f Field of view, m@100m 8.7 Exit pupil, mm 30 Resolution, lines per mm 850 Range of detection, m, with attachable laser illuminator Battery type 4xAA Battery life (w/o IR), hour 2 Battery life (w/ IR), hour Remote control type 8attery type for remote control Click value (horizontal), mm@100m Click range (horizontal), clicks/mm@100m Click value (vertical), mm@100m 13 Click range (vertical), clicks/mm@100m 13 Click range (vertical), clicks/mm@100m 100/1300 Lens material Body material Glass Body material Operating Temp, °C Level of protection (acc. to IEC 60529) IPX3 (weather resistant) Shock resistance on rifled weapon, J Shock resistance on airgun (calibres) Specific life, h Dimensions, DFA75, mm 155x82x117 Dimensions, when assembled with Pulsar 10x32 monocular, mm	Lens diameter, mm	50
Field of view, m@100m Exit pupil, mm Resolution, lines per mm Range of detection, m, with attachable laser illuminator Battery type Battery type Battery life (w/o IR), hour Battery life (w/ IR), hour Remote control type Battery type for remote control Cick value (horizontal), mm@100m Click value (vertical), mm@100m Click value (vertical), clicks/mm@100m Click range (vertical), clicks/mm@100m Click range (vertical), clicks/mm@100m Lens material Body material Operating Temp, °C Level of protection (acc. to IEC 60529) Shock resistance on rifled weapon, J Shock resistance on airgun (calibres) Specific life, h Dimensions, DFA75, mm 155x82x117 Dimensions, when assembled with Pulsar 10x32 monocular, mm	Lens focus, mm	50
Exit pupil, mm Resolution, lines per mm Range of detection, m, with attachable laser illuminator Battery type Battery life (w/o IR), hour Remote control type Battery type for remote control Click value (horizontal), mm@100m Click range (horizontal), clicks/mm@100m Click value (vertical), mm@100m Click value (vertical), clicks/mm@100m Click range (vertical), clicks/mm@100m Lens material Body material Operating Temp, °C Level of protection (acc. to IEC 60529) Shock resistance on rifled weapon, J Shock resistance on airgun (calibres) Specific life, h Dimensions, DFA75, mm 155x82x117 Dimensions, when assembled with Pulsar 10x32 monocular, mm	Relative aperture, D/f'	1:1
Resolution, lines per mm Range of detection, m, with attachable laser illuminator Battery type Battery type Battery life (w/o IR), hour Battery life (w/ IR), hour Remote control type Battery type for remote control CR2032 Click value (horizontal), mm@100m Click range (horizontal), clicks/mm@100m Click value (vertical), mm@100m 13 Click range (vertical), clicks/mm@100m 13 Click range (vertical), clicks/mm@100m Diens material Body material Qlass Body material Qperating Temp, °C Level of protection (acc. to IEC 60529) Shock resistance on rifled weapon, J Shock resistance on airgun (calibres) Specific life, h Dimensions, DFA75, mm Dimensions, when assembled with Pulsar 10x32 monocular, mm	Field of view, m@100m	8.7
Range of detection, m, with attachable laser illuminator Battery type 4xAA Battery life (w/o IR), hour 2 Battery life (w/ IR), hour 1.5 Remote control type Battery type for remote control Click value (horizontal), mm@100m Click value (horizontal), clicks/mm@100m Click value (vertical), mm@100m Click range (vertical), clicks/mm@100m Click range (vertical), clicks/mm@100m Lens material Body material Operating Temp, °C Level of protection (acc. to IEC 60529) Shock resistance on rifled weapon, J Shock resistance on airgun (calibres) Specific life, h Dimensions, DFA75, mm 155x82x117 Dimensions, when assembled with Pulsar 10x32 monocular, mm	Exit pupil, mm	30
illuminator Battery type Battery life (w/o IR), hour 2 Battery life (w/ IR), hour 1.5 Remote control type Battery type for remote control CR2032 Click value (horizontal), mm@100m Click range (horizontal), clicks/mm@100m Click value (vertical), mm@100m 13 Click range (vertical), clicks/mm@100m 13 Click range (vertical), clicks/mm@100m Lens material glass Body material Operating Temp, °C Level of protection (acc. to IEC 60529) Shock resistance on rifled weapon, J Shock resistance on airgun (calibres) Specific life, h Dimensions, DFA75, mm 155x82x117 Dimensions, when assembled with Pulsar 10x32 monocular, mm	Resolution, lines per mm	≥50
Battery life (w/o IR), hour Battery life (w/ IR), hour Remote control type Battery type for remote control CR2032 Click value (horizontal), mm@100m Click range (horizontal), clicks/mm@100m Click value (vertical), mm@100m 13 Click range (vertical), clicks/mm@100m 13 Click range (vertical), clicks/mm@100m Lens material Body material Operating Temp, °C Level of protection (acc. to IEC 60529) Shock resistance on rifled weapon, J Shock resistance on airgun (calibres) Specific life, h Dimensions, DFA75, mm Dimensions, when assembled with Pulsar 10x32 monocular, mm		400
Battery life (w/ IR), hour Remote control type Battery type for remote control Click value (horizontal), mm@100m Click range (horizontal), clicks/mm@100m Click value (vertical), mm@100m Click range (vertical), clicks/mm@100m Click range (vertical), clicks/mm@100m Lens material Body material Glass Body material Operating Temp, °C Level of protection (acc. to IEC 60529) Shock resistance on rifled weapon, J Shock resistance on airgun (calibres) Specific life, h Dimensions, DFA75, mm Dimensions, when assembled with Pulsar 10x32 monocular, mm	Battery type	4xAA
Remote control type Battery type for remote control Click value (horizontal), mm@100m Click range (horizontal), clicks/mm@100m Click value (vertical), mm@100m Click value (vertical), clicks/mm@100m 13 Click range (vertical), clicks/mm@100m Lens material Body material Operating Temp, °C Level of protection (acc. to IEC 60529) Shock resistance on rifled weapon, J Shock resistance on airgun (calibres) Specific life, h Dimensions, DFA75, mm Dimensions, when assembled with Pulsar 10x32 monocular, mm	Battery life (w/o IR), hour	2
Battery type for remote control Click value (horizontal), mm@100m Click range (horizontal), clicks/mm@100m Click value (vertical), mm@100m Click range (vertical), clicks/mm@100m Click range (vertical), clicks/mm@100m Lens material Glass Body material Glass-nylon composite Operating Temp, °C Level of protection (acc. to IEC 60529) IPX3 (weather resistant) Shock resistance on rifled weapon, J Shock resistance on airgun (calibres) Specific life, h Dimensions, DFA75, mm 155x82x117 Dimensions, when assembled with Pulsar 10x32 monocular, mm	Battery life (w/ IR), hour	1.5
Click value (horizontal), mm@100m Click range (horizontal), clicks/mm@100m Click value (vertical), mm@100m Click range (vertical), clicks/mm@100m Lens material Body material Operating Temp, °C Level of protection (acc. to IEC 60529) Shock resistance on rifled weapon, J Shock resistance on airgun (calibres) Specific life, h Dimensions, DFA75, mm 155x82x117 Dimensions, when assembled with Pulsar 10x32 monocular, mm	Remote control type	wireless
Click range (horizontal), clicks/mm@100m Click value (vertical), mm@100m Click range (vertical), clicks/mm@100m Lens material Body material Operating Temp, °C Level of protection (acc. to IEC 60529) Shock resistance on rifled weapon, J Shock resistance on airgun (calibres) Specific life, h Dimensions, DFA75, mm Dimensions, when assembled with Pulsar 10x32 monocular, mm	Battery type for remote control	CR2032
Click value (vertical), mm@100m Click range (vertical), clicks/mm@100m Lens material Body material Operating Temp, °C Level of protection (acc. to IEC 60529) Shock resistance on rifled weapon, J Shock resistance on airgun (calibres) Specific life, h Dimensions, DFA75, mm 155x82x117 Dimensions, when assembled with Pulsar 10x32 monocular, mm	Click value (horizontal), mm@100m	13
Click range (vertical), clicks/mm@100m Lens material Body material Operating Temp, °C Level of protection (acc. to IEC 60529) Shock resistance on rifled weapon, J Shock resistance on airgun (calibres) Specific life, h Dimensions, DFA75, mm Dimensions, when assembled with Pulsar 10x32 monocular, mm	Click range (horizontal), clicks/mm@100m	80/1040
Lens material glass Body material glass-nylon composite Operating Temp, °C -20+50 Level of protection (acc. to IEC 60529) IPX3 (weather resistant) Shock resistance on rifled weapon, J 6000 Shock resistance on airgun (calibres) all Specific life, h 10000 Dimensions, DFA75, mm 155x82x117 Dimensions, when assembled with Pulsar 10x32 256x82x117 monocular, mm	Click value (vertical), mm@100m	13
Body material glass-nylon composite Operating Temp, °C -20+50 Level of protection (acc. to IEC 60529) IPX3 (weather resistant) Shock resistance on rifled weapon, J 6000 Shock resistance on airgun (calibres) all Specific life, h 10000 Dimensions, DFA75, mm 155x82x117 Dimensions, when assembled with Pulsar 10x32 256x82x117 monocular, mm	Click range (vertical), clicks/mm@100m	100/1300
Operating Temp, °C	Lens material	glass
Level of protection (acc. to IEC 60529) Shock resistance on rifled weapon, J Shock resistance on airgun (calibres) Specific life, h Dimensions, DFA75, mm Dimensions, when assembled with Pulsar 10x32 monocular, mm	Body material	glass-nylon composite
Shock resistance on rifled weapon, J 6000 Shock resistance on airgun (calibres) all Specific life, h 10000 Dimensions, DFA75, mm 155x82x117 Dimensions, when assembled with Pulsar 10x32 256x82x117 monocular, mm	Operating Temp, °C	-20+50
Shock resistance on airgun (calibres) Specific life, h Dimensions, DFA75, mm Dimensions, when assembled with Pulsar 10x32 monocular, mm	Level of protection (acc. to IEC 60529)	IPX3 (weather resistant)
Specific life, h10000Dimensions, DFA75, mm155x82x117Dimensions, when assembled with Pulsar 10x32 monocular, mm256x82x117	Shock resistance on rifled weapon, J	6000
Dimensions, DFA75, mm Dimensions, when assembled with Pulsar 10x32 256x82x117 monocular, mm	Shock resistance on airgun (calibres)	all
Dimensions, when assembled with Pulsar 10x32 256x82x117 monocular, mm	Specific life, h	10000
monocular, mm	Dimensions, DFA75, mm	155x82x117
Weight w/batteries, oz 22.9	· ·	256x82x117
		22.9





PACKAGE CONTENTS

- Digital NV attachment DFA75
- Protective lens cover
- 915 nm attachable laser IR illuminator
- Spare battery container
- Wireless remote control
- Plastic case or carrying case
- Video cable
- User manual
- Lens cloth

FEATURES

- Converts daytime riflescope into night vision riflescope
- Electronic windage/elevation adjustment for precise shooting
- Fine image quality and resolution
- Resistant to bright light exposure
- Modular laser IR illuminator with three step power adjustment
- Lightweight and durable composite housing
- Weather resistant
- Video output



ACCESSORIES

- PL79121- 42mm Cover Ring Adapter
- PL79122- 50mm Cover Ring Adapter
- PL79123- 56mm Cover Ring Adapter
- PL79111- Battery Pack EPS 3
- PL79112- Battery Pack EPS 5

PL78114- DFA75