

- Ultra

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231	Казань (843)206-01-48	Новокузнецк (3843)20-46-81	Смоленск (4812)29-41-54
Архангельск (8182)63-90-72	Калининград (4012)72-03-81	Новосибирск (383)227-86-73	Сочи (862)225-72-31
Астрахань (8512)99-46-04	Калуга (4842)92-23-67	Омск (3812)21-46-40	Ставрополь (8652)20-65-13
Барнаул (3852)73-04-60	Кемерово (3842)65-04-62	Орел (4862)44-53-42	Сургут (3462)77-98-35
Белгород (4722)40-23-64	Киров (8332)68-02-04	Оренбург (3532)37-68-04	Тверь (4822)63-31-35
Брянск (4832)59-03-52	Краснодар (861)203-40-90	Пенза (8412)22-31-16	Томск (3822)98-41-53
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Волгоград (844)278-03-48	Курск (4712)77-13-04	Ростов-на-Дону (863)308-18-15	Тюмень (3452)66-21-18
Вологда (8172)26-41-59	Липецк (4742)52-20-81	Рязань (4912)46-61-64	Ульяновск (8422)24-23-59
Воронеж (473)204-51-73	Магнитогорск (3519)55-03-13	Самара (846)206-03-16	Уфа (347)229-48-12
Екатеринбург (343)384-55-89	Москва (495)268-04-70	Санкт-Петербург (812)309-46-40	Хабаровск (4212)92-98-04
Иваново (4932)77-34-06	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
Ижевск (3412)26-03-58	Набережные Челны (8552)20-53-41	Севастополь (8692)22-31-93	Череповец (8202)49-02-64
Иркутск (395)279-98-46	Нижний Новгород (831)429-08-12	Симферополь (3652)67-13-56	Ярославль (4852)69-52-93
Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	

IR illuminators

PULSAR ULTRA-XS

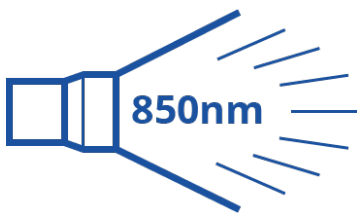


Powerful interchangeable infrared flashlights for digital night vision riflescopes Digisight Ultra N450/N455, Digisight Ultra N450/N455 LRF, digital NV attachments Forward F455/F455S with adjustable power and precise setting of spot position in the field of view. Three-step power setting provides ability to regulate IR range and level of illumination of observed object.

Modifications



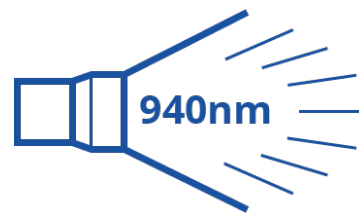
Pulsar Ultra-X850S. **Increased range**



Wavelength of IR-illuminator Pulsar Ultra-X850S is 850 nm. Sensors of digital night vision devices have the best sensitivity in this range and due to this fact, illuminator is effective for viewing remote objects.



Pulsar Ultra-X940S. **Invisible range**



IR-Illuminator Pulsar Ultra-X940S operates in "invisible" for human eye IR waveband. It allows the hunter observe animals without the risk of being discovered and scaring them.

Features

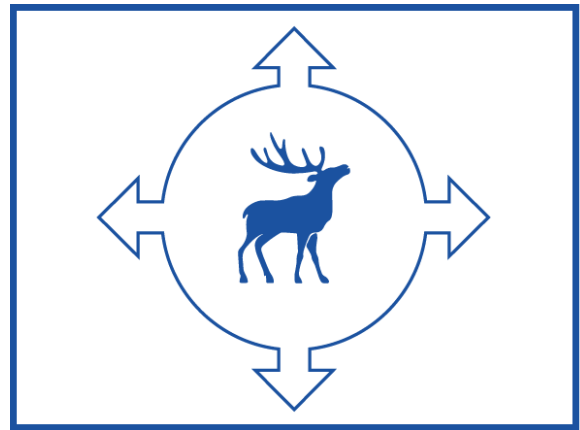


High power

Pulsar Ultra-XS IR illuminators feature increased optical power, which expands the riflescope's resources in constructing an informative image, plus it increases the range of effective use of night optics.



IR spot position fine adjustment within the riflescope field of view



The adjustment function of the Pulsar Ultra-XS IR illuminator's optical unit directs the luminous flux to concentrate maximum illumination in a particular area of the riflescope field of view, where it is needed for observation.



3-step Power Adjustment

3-step power setting helps to achieve optimal intensity of illumination in specific observation conditions. Power is adjusted by sequential press of the button on the body on of IR flashlight.



Power supply

IR-flashlight connects to digital night vision attachments Forward F455 and riflescopes Digisight Ultra N450, Digisight Ultra N455 / Digisight Ultra N450 LRF, Digisight Ultra N455 LRF by means of special socket connector and receives power from digital night vision unit. The data about illumination power is shown in the status bar of night vision unit.



Simple mounting

Mounting Pulsar Ultra-X850S / X940S on digital night rifle scope or front attachment and taking it off can be done in seconds. With the help of bayonet mount the process is easy and reliable.



Safety for vision

The radiation source in the Pulsar Ultra are LED-type infrared diodes. Unlike most solutions based on laser diodes, LED IR illuminators are safe for vision when IR illuminator light hits the retina briefly.

Specifications



Ultra-X850S



Ultra-X940S

Optics

Objective lens	-	-
Magnification, x	-	-
Field of view (HxV), degrees / m @ 100 m	-	-
Eye relief, mm	-	-

Infrared Illuminator

Emitter	LED	LED
IR wavelength, nm	850 (long-range)	940 (invisible)
IR Optical power, mW	up to 800	up to 700
IR spot position adjustment	yes	yes

Wi-Fi

Wireless Protocol	-	-
Wireless Standard	-	-

Frequency, GHz	-	-
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Bluetooth

Wireless Protocol	-	-
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Wireless Standard	-	-
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Frequency, GHz	-	-
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Environmental Characteristics

Degree of protection, IP code (IEC60529)	IPX7	IPX7
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Operating temperature range, °C	-25 – +50	-25 – +50
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Connections and Compatibilities

Max. recoil power on rifled weapon (Eo), Joules	6000	6000
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Shock resistance on the smooth-bore rifles, caliber	12	12
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Compatible mounts	-	-
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Related Products	Digisight Ultra N450/ 455, Digisight Ultra N450/455 LRF, Forward F455/455S, Forward FN455/455S	Digisight Ultra N450/ 455, Digisight Ultra N450/455 LRF, Forward F455/455S, Forward FN455/455S
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Mount, type	NV Device IR Illuminator mounting port	NV Device IR Illuminator mounting port
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Length of mounting part, mm	-	-
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Distance between the centers of locking screws, mm	-	-
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Additional information	-	-
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Lens Diameter of daylight device, mm	-	-
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Internal diameters of the included insert rings, mm	-	-
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Power Supply

Output voltage, V	-	-
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Battery type	-	-
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Capacity, mAh	-	-
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Operating time on battery pack (at t=22°C), h *	-	-
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Weight & Size

Body material	Metal & Plastic	Metal & Plastic
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Total length, mm	-	-
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Dimensions, mm	108x45x54	108x45x54
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Weight, kg	0.142	0.142
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Trade Data

SKU (Model #)	79079	79199
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Status	production	production
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PULSAR ULTRA X-850A / X-940A



Interchangeable infrared flashlights for digital night vision riflescopes Digisight Ultra N450/N455, Digisight Ultra N450/N455 LRF, digital NV attachments Forward F455 with adjustable power and precise setting of spot position in the field of view.

Modifications



Pulsar Ultra X-850A. Increased range

Wavelength of IR-illuminator Pulsar Ultra X-850A is 850 nm. Sensors of digital night vision devices have the best sensitivity in this range and due to this fact, illuminator is effective for viewing remote objects.



Pulsar Ultra X-940A. Invisible range

IR Illuminator Pulsar Ultra X940A operates in "invisible" for human eye IR waveband. It allows the hunter observe animals without the risk of being discovered and scaring them. Three-step power setting provides ability to regulate IR range and level of illumination of observed object.

Features



Adjustable IR Spot Position

Design of Pulsar IR Flashlights allows spot position to be corrected in the field of view horizontally and vertically. To do this, turn the lever to loosen the ring fixing the optical assembly, adjust the IR spot in the center of the field of view (the NV unit should be on) and pull the lever to tighten the ring again.



Power Adjustment

3-step power setting helps to achieve optimal intensity of illumination in specific observation conditions. Power is adjusted by sequential press of the button on the body of IR flashlight



Mounting

Mounting Pulsar Ultra-X850 /X940A on the riflescope and taking it off can be done in second. With the help of bayonet mount the process is easy and reliable.



Power supply

IR Illuminator connects to digital night vision attachments Forward F455 and riflescopes Digi: Ultra N455/ DigiSight Ultra N455 LRF by means of special socket connector and receives power from digital night vision unit. The data about illumination power is shown in the status bar of night vision unit.

Specifications



Ultra X-850A



Ultra X-940A

Optics

Objective lens	-	-
Magnification, x	-	-
Field of view (HxV), degrees / m @ 100 m	-	-
Eye relief, mm	-	-

Infrared Illuminator

Emitter	LED	LED
IR wavelength, nm	850 (long-range)	940 (invisible)
IR Optical power, mW	up to 300	up to 250
IR spot position adjustment	yes	yes

Wi-Fi

Wireless Protocol	-	-
Wireless Standard	-	-
Frequency, GHz	-	-

Bluetooth

Wireless Protocol	-	-
Wireless Standard	-	-
Frequency, GHz	-	-

Environmental Characteristics

Degree of protection, IP code (IEC60529)	IPX7	IPX7
Operating temperature range, °C	-25 – +50	-25 – +50

Connections and Compatibilities

Max. recoil power on rifled weapon (Eo), Joules	6000	6000
Shock resistance on the smooth-bore rifles, caliber	12	12
Compatible mounts	-	-
Related Products	Digisight Ultra N450/ 455, Digisight Ultra N450/455 LRF, Forward F455/455S, Forward FN455/455S	Digisight Ultra N450/ 455, Digisight Ultra N450/455 LRF, Forward F455/455S, Forward FN455/455S
Mount, type	NV Device IR Illuminator mounting port	NV Device IR Illuminator mounting port
Length of mounting part, mm	-	-
Distance between the centers of locking screws, mm	-	-
Additional information	-	-
Lens Diameter of daylight device, mm	-	-
Internal diameters of the included insert rings, mm	-	-

Power Supply

Output voltage, V	-	-
Battery type	-	-
Capacity, mAh	-	-
Operating time on battery pack (at t=22°C), h *	-	-

Weight & Size

Body material	Metal & Plastic	Metal & Plastic
Total length, mm	-	-

Dimensions, mm	108x45x54	108x45x54
Weight, kg	0.142	0.142

Trade Data

SKU (Model #)	79191	79192
Status	production	production

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