

# Talion

## 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
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# Pure Thermal Action



**<40mK** NETD



**700 g**

NEW

Thermal Imaging Riflescopes

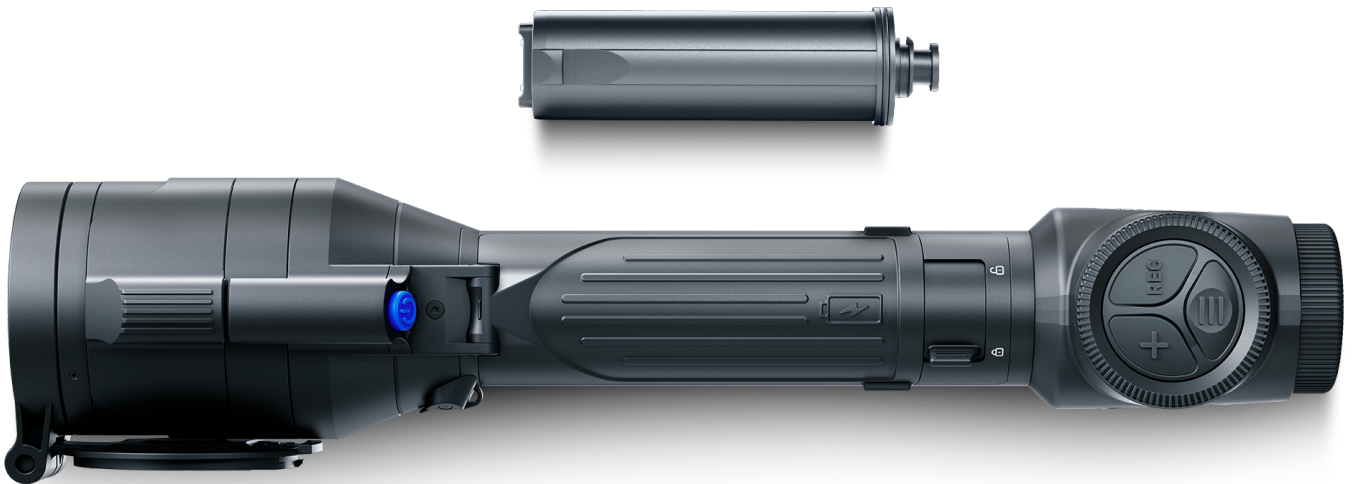
# TALION





# Up to 9 hour operation time on a single charge

Talion is powered with a Pulsar APS5 interchangeable, rechargeable battery. A single charge guarantees up to 9 hours of battery life, which covers the time of active use of the scope for a hunt. The battery cover design helps to accurately determine the correct position and makes it possible to quickly replace a flat battery with a new one in complete darkness by touch alone.







# Multi-point prism mount for precise positioning on a rifle

A mounting prism with multiple screw points to ensure flexibility and convenience when installing a Talion riflescope on various types of rifles. During installation the user can shift the scope along the rifle to the most comfortable viewing position.





# All control elements in direct access

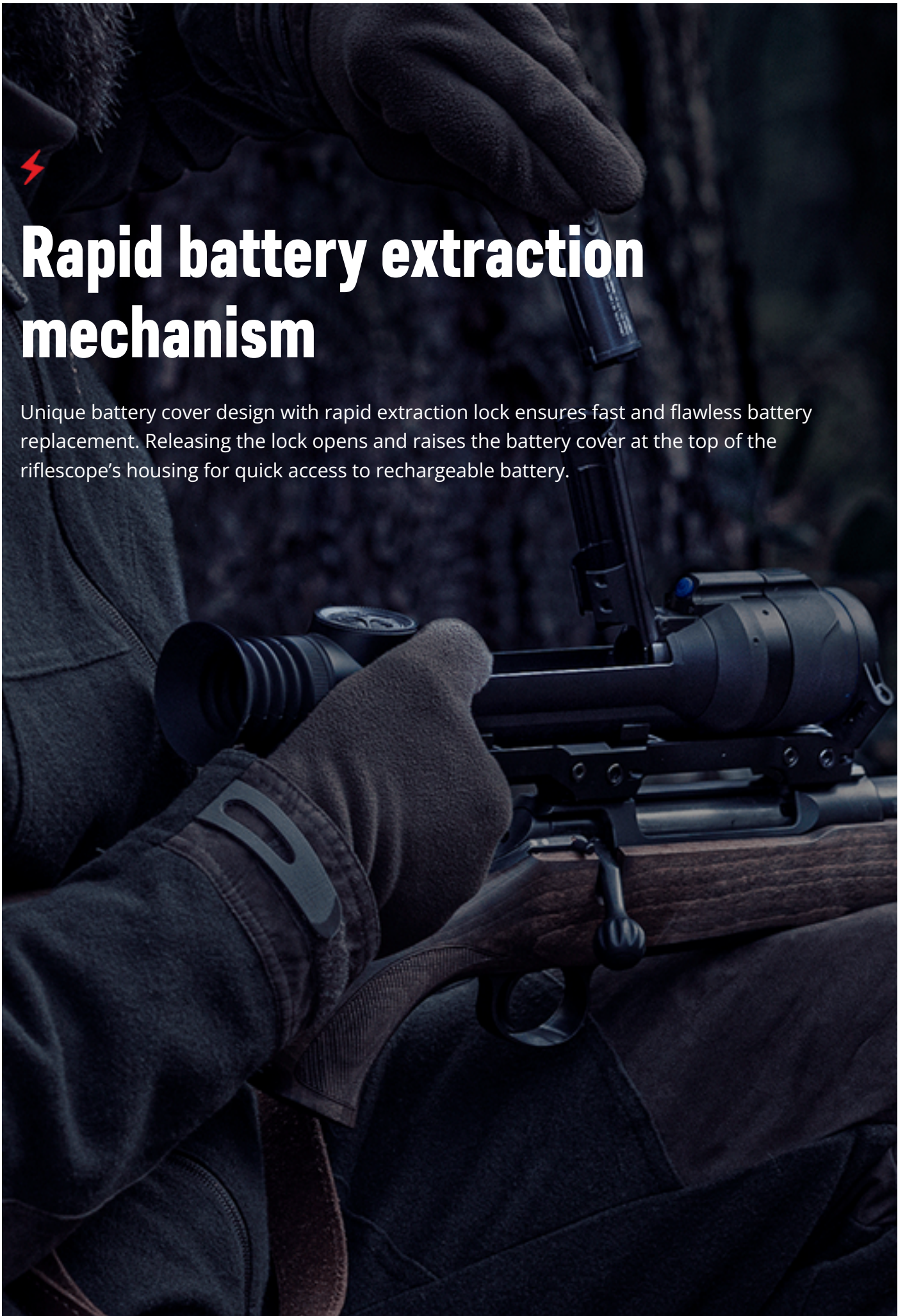
All Talion riflescope controls are placed on the top panel of the eyepiece to simplify access and for the convenience of both right- and left-handed users.





# Rapid battery extraction mechanism

Unique battery cover design with rapid extraction lock ensures fast and flawless battery replacement. Releasing the lock opens and raises the battery cover at the top of the riflescope's housing for quick access to rechargeable battery.







# Focus adjustment with tactile marker set for night-time shot

The precise focusing adjustment has an integrated fin lever that is set to match the protruding ridge on the housing of Talion riflescope when focusing reaches 70 m (76 yd) mark, the night-time shooting distance. This enables quick and correct focusing, even without looking at the riflescope.







## **3 sensitivity amplification levels**

Selection of the signal amplification level combined with new filtration algorithms with fine brightness and contrast adjustments offers the hunter great opportunities for long-range detection of game under diverse weather and temperature conditions. The amplification setting helps to define an animal's trophy features and ensures clear rendering of objects and background in the field of view.

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## **Lightweight and rugged magnesium alloy housing**

The Talion's housing is made of magnesium alloy to ensure great structural strength and retain a light weight. The robust and lightweight metal housing serves also as a heat sink extracting the warmth generated by inner electronics thus making thermal imaging device more sensitive.

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## **Photo and video recording**

Keep the best moments of observation and share them with your friends and hunting colleagues. One touch of a button is enough to capture an interesting moment or start recording video. 16 GB of internal memory enables recording many hours of video and tens of thousands of photos.

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## **Wi-Fi integration with iOS and Android devices. Stream Vision 2**

## application

The built-in Wi-Fi module will connect the device with smartphones based on Android and iOS via Stream Vision 2 mobile application. This combination provides a great opportunity, such as wireless updating of the device software, transmission of images to a mobile device screen in real time, remote control of digital functions and many others. Users registered in the application are provided with cloud storage space for photos and videos taken with a digital or thermal imaging device.

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## Waterproof IPX7 housing

With an IPX7 waterproof rating, Talion riflescopes work in conditions of high humidity and heavy rain and can withstand half an hour immersion under water to a depth of 1 meter.

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## High calibre recoil resistance: 12 gauge, 9.3x64, .375H&H

Talion thermal riflescopes are high impact resistant and can be used with rifled hunting weapons calibres of 9.3x64, .30-06, .300, .375H&H, etc., as well as with smooth-bore and pneumatic weapons.

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## 5 shooting profiles / 50 zeroing distances

Zeroing settings are saved in a shooting profile. Talion memory contains up to five shooting profiles for several types of weapons or cartridges. Each profile can hold up to ten zeroing distances.

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## A selection of 10 reticle shapes in 9 colour modes

A reticle is electronically displayed in the same plane as the target. The Talion memory contains ten reticle configurations and functions (direct shot type, ballistic, scalable and regular), all available in nine colour options.

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## Precision aiming in the “Picture-in-picture” mode

The “Picture-in-picture” function enables the shooter to display a high-precision zeroing frame. To 10% of the total display area, the frame shows a magnified image of the target and reticle and allows to closely see the image in the aiming area and have visual control of the entire field of view at the

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## Variable colour palettes

A choice of 8 colour palettes lets the user observe their field of view more effectively, allowing them to optimise the unit for specific tasks and react to changing observation conditions. White Hot, Black Hot are optimal for object detection, and Rainbow and Ultramarine help increase chances for recognition. Red Monochrome, Sepia and Violet are best suited to long-range observation at night.

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## Mounts

Talion riflescopes come in 4 versions:

- Without the mount
  - Equipped with the Weaver U Mount
  - Equipped with the Weaver USQD Mount
  - Equipped with the Weaver LQD Mount
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# Disclosure

The product availability on website is for marketing purpose only and does not guarantee/imply that the device is available in your country for use/sell/order/other purposes. These products require special license and even could be forbidden due to local legislation.



# Specifications



**Talion XQ38**

**Talion XG35**

## Main

Sensor	384x288 @ 17 $\mu\text{m}$ (NETD <40 mK)	640x480 @ 12 $\mu\text{m}$ (NETD <40 mK)
Objective lens	F38 F/1.2	F35 F/1.0
Magnification, x	2.5 – 10 (x4 zoom)	2-16
Field of view (HxV), degrees / m@100m	9.8x7.3 / 17.2x13	12,5/ 21,9
Detection range, m	1350	1750

## Sensor

Type	uncooled	uncooled
Resolution, pixels	384x288	640x480
Pixel pitch, $\mu\text{m}$	17	12
NETD, mK	<40	< 40
Frame rate, Hz	50	50

## Optics

Objective lens	F38/1.2	F35 F/1.0
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Magnification, x	2.5 - 10	2-16
Field of view (HxV), degrees / m @ 100 m	9.8x7.3 / 17.2x13	12,5/ 21,9
Eye relief, mm	50	50

## Display

Type	AMOLED	AMOLED
Resolution, pixels	1024x768	1024x768

## Range Performance

Detection range, m	1350	1750
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## Laser Rangefinder

Safety class for laser equipment according to IEC 60825-1:2014	-	-
Wavelength, nm	-	-
Max. measuring range, m	-	-
Measurement accuracy, m	-	-

## Reticle

Click value, H/V, mm at 100 m	17 / 17 (on minimum magnification)	21 – 2x 10,5 – 4x 5,25 – 8x 2,6 – 16x
Click range, H/V, mm at 100 m	3400 / 3400	4200/4200
Number of preloaded reticles	10+	-

## Video Recorder

Video / photo resolution, pixel	1024x768	1024x768
Video / photo format	.mp4 / .jpg	.mp4 / .jpg
Built-in memory, GB	16	16

## Wi-Fi

Wireless Protocol	Wi-Fi	Wi-Fi
Wireless Standard	IEEE 802.11 b/g/n/ac (WPA)	IEEE 802.11 b/g/n/ac (WPA)
Frequency, GHz	2.4 / 5	2.4 / 5

## 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	Weaver U Mount, Weaver USQD Mount, Weaver LQD Mount	Weaver U Mount, Weaver USQD Mount, Weaver LQD Mount
Remote control	-	-
Supported Application	Stream Vision 2	Stream Vision 2

## Power Supply

Output voltage, V	3.0 – 4.2	3.0 – 4.2
Battery type	APS5	APS5
Capacity, mAh	4900	4900
Operating time on battery pack (at t=22°C), h *	9	9
External power supply, V	5 V, 9 V (USB Type-C Power Delivery)	5 V, 9 V (USB Type-C Power Delivery)

## Weight & Size

Body material	Metal	Metal
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Dimensions, mm	330x57x67	330x57x67
Weight, kg	0.7	0.7

## Trade Data

SKU (Model #)	76561	76563
Status	production	production



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