

## Specifications and Features:

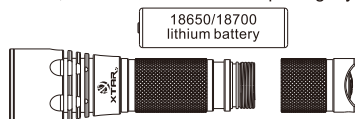
ANSI	Illumination levels				
	Turbo	High	Mid	Low	Signal
Luminance	1100Lm	600Lm	250Lm	30Lm	250Lm
Runtime (XTAR 18650 3100mAh)	3.3h	3.5h	8.5h	75h	/
Beam Throw	230m				
Max Intensity	13225cd				
Impact Resistant	1.5m				
Waterproof	IPX8				
LED	CREE XM-L2 U3				
Material	Anodized aircraft 6N01 aluminum alloy, Premium Type III hard-anodized anti-abrasive finish				
Working Voltage	2.75V~4.2V				
Battery	1 * 18650/18700 lithium battery				
Switch	Tactical tail cap switch				
Size	Ø34.5mm(Head dia)*Ø25.4mm(Body dia) *Ø25.4mm(Tail dia)*140.5mm(Length)				
Net Weight	120.0g(Excluded battery)				
Additional Functions	Memory function (Lighting modes), Hidden Signal mode				
Package Contents	●Flashlight ●Stainless steel clip ●Lanyard ●Holster ●O-ring ●Manual ●Warranty card				
Optional Accessories	□Battery □Charger				

**Notice:** The B20 automatically switches from Turbo mode to High mode after five minutes of normal use, so, the runtime(Turbo mode) is the accumulating time. The above-mentioned parameters were lab tested, and are approximate. Parameters may vary between flashlights/chargers, batteries, and environments.

## Instructions:

### 1. Insert the battery

Unscrew the tail cap, insert a 18650/18700 lithium battery, with the positive pole (+) towards the head, and then screw the tail cap on tightly.



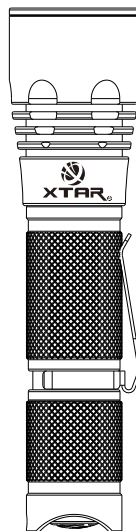
### 2. Switch/selecting modes

- The tactical tail cap switch
- The tactical tail cap switch turns the B20 on and off, and provides a momentary-on function. To turn the light on, press the switch until you hear the tick; to turn the light off, press the switch until you hear tick again.
- Selecting modes
  - Click the tailcap switch to change lighting modes with arrangement High-Turbo-Mid-Low. Lighting modes enables the memory function, which is activated after 3 seconds from turning off the flashlight. In this case, restart the flashlight will be able to get the last selected mode.
  - When the light is off, double click the switch very quickly will get the Hidden Signal mode(without memory function). Turn off B20 in the Signal mode, and then restart the light will turn to High mode.

## Introduction:

XTAR B20 Pilot II is a multi-functional 18650/18700 flashlight with simple user interface, released in Dec. 2014 by XTAR Company.

With CREE XM-L2 U3 LED plus the high efficiency constant current driver circuit, B20 produces a very bright beam. The excellent integration heat dissipation helps to extend the LED lifespan. The tailcap forward switch with momentary-on feature could change modes via clicking easily. And the gold-plated double springs design avoids the flashlight instantly turning off or changing modes automatically caused by strong vibration or poor connect.



## About XTAR:

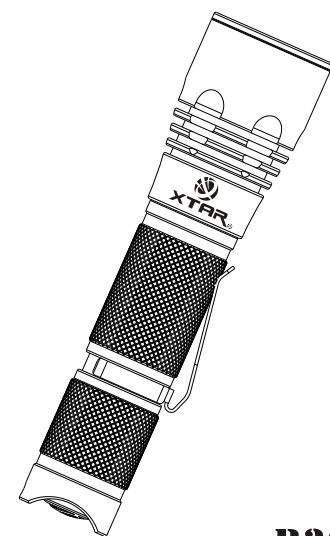
The name XTAR, derived from X-STAR, representing the innumerable unknown stars, brings us an infinite imagination and expectation. XTAR logo consists of spherical figure and characters, implying the modest spirit of our company, XTAR being tolerant to diversity and our aspirations towards continuing development and innovation.

XTAR brand came into conception and determined to make high quality chargers, flashlights and batteries in 2006. In 2007, Shenzhen Winner Bros Import & Export Co., Ltd was established in Shenzhen, China. Two years later, Hong Kong XTAR Co., Ltd was established for the international market. With the concept and the determination of making China's Got quality and 8 years' hard working, we finally have made our concept a reality. A reality that XTAR is known worldwide and distributors are all over the world. With the rapid development of XTAR, our own factory was set up and in the meantime, Shenzhen XTAR Electronics Co., Ltd was found in 2014.

XTAR products obtain more than 30 patents and are selling well in 120 countries including USA, Germany, Australia, Japan, Korea, Russia and so on. The high quality of XTAR products make it possible not only to pass CE, ROHS and other major certificates, but also certificates like UL, PSE, SAA, MEPS, C-Tick etc.

XTAR team dedicate themselves to creative design, high quality control and wholehearted after-sale service to make it as an enjoyment when people are using XTAR products or talking with XTAR team.

XTAR always believe in China's Got quality.



XTAR Sport Flashlight-**B20**  
**manual**

## Warranty:

- 15 days free replacement: We will repair or replace a light within 15 days of purchase if it is has a manufacturing defect. If the problem calls for a replacement, we will replace the light with the same model as the one you bought. If the model has been discontinued, you will receive a product with similar or improved performance.
- 24 months free repair. We offer free repair within 24 months of purchase if problems develop with normal use.
- Limited lifetime warranty. If problems develop after 24 months there will be a charge for parts. The total repair fee will be assessed according to the cost of the replaced materials. If damage to the light is grave, your XTAR distributor will contact you to decide whether to exchange the parts or not. Freight will be paid by distributors or customers.
- **This warranty is not applicable for damages caused by faulty operation, disassembly, and irresistible factors.**

## Website and Anti-fake inquiry:

- Welcome to visit our company website to get more information. <http://www.xtarlight.com>
- Follow us on Facebook: [www.facebook.com/ShenzhenXTAR](http://www.facebook.com/ShenzhenXTAR)
- Anti-fake inquiry: A group of eighteendigit number could be gained by scraping the anti-counterfeiting label on our product or package. Then, input it to the corresponding query window in our service column of the official website to distinguish the product's authenticity. The serial number does the same work.
- **Thank you for choosing our excellent products, your satisfaction and feedbacks are essential to our progress.**

## Notice:

- Do not disassemble the light head, otherwise the reflector or LED may be damaged.
- Do not point the light towards the eyes. Serious injury or blindness may result from misuse.

## Tips:

- XTAR rated qualified batteries are recommended.
- When the B20 is not to be used for a prolonged period, it is recommended to remove the batteries.

## Maintenance:

- Use qualified battery. XTAR protected Li-ion batteries are recommended.
- When the flashlight is not in use or the battery is exhausted, removal of the battery is recommended.
- Replace O-rings when they become worn. Lubricate O-rings regularly to maintain water resistance.
- Clean all electrical contacts regularly.

Possible Problem	Solution
Batteries are exhausted or inserted incorrectly.	Insert fully charged batteries with the positive terminals toward the head.
Circuit, PCB contactor or other contactor poorly connected. Parts' breakage or disconnection of head, body or tail cap switch.	Clean the contacts with alcohol. Tighten the head and tailcap.

If the flashlight still fails to operate, please contact your dealer or service center where the flashlight was purchased, for warranty service.



## Shenzhen XTAR Electronics Co.,Ltd

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