



The Nitecore **SRT7i** torch is a long-range model designed to deliver exceptional brightness over a maximum range of 580 metres.

It is ideal for tactical operations and situations where increased visibility is required.

The Nitecore SRT7i torch features ultra-powerful 3000-lumen illumination: the Turbo mode is easily activated via the switch located at the rear of the torch.

In addition to the rear switch that provides access to Turbo mode, the torch is equipped with two switches: one for switching on, the other for selecting lighting modes.

The SRT7i's Strobe mode is specially set to 3000 lumens with random frequencies, creating dizzying effects for more effective tactical use.

The Nitecore SRT7i torch is an ideal choice for those who need a long-range, powerful and versatile torch.

Its high brightness, tactical features, convenient charging and robust construction make it a reliable tool for professionals and outdoor enthusiasts alike.

Please note: this torch model is only compatible with batteries from the HPI range; it will not work with a standard 21700 battery.



Nitecore SRT7i specifications

Operating instructions

ON/OFF

When the torch is off, press the power button to switch it on.

When the torch is on, press the power button to switch it off.

Momentary tactical lighting:

When the light is off, half-press and hold the power button to turn the light on momentarily. Release to turn it off.

When the light is off, half-press and hold the MODE (STROBE READY)™ button to momentarily switch to TURBO mode. Release to switch it off.

TAC mode

Press and hold the power button halfway to temporarily switch to the LOW level.

Release to switch it off.

Press and hold the power button to temporarily switch to TURBO mode. Release to switch off.

Charging function

During the charging process, the power indicator on the side of the lamp will flash slowly to inform the user.

When the battery is fully charged, the SRT7i stops the charging process and the power indicator lights up steadily to inform the user.

The charging time for a 21700i Li-ion battery (5000mAh) is approximately 3 hours 15 minutes.

(Charged via the 5V/2A adapter)

Brightness level or mode selection

When the torch is switched on, rotate the smart selection ring at the end of the torch to select a brightness level or mode.

Rotate the smart selection ring clockwise from right to left to cycle through the following brightness levels/modes: TAC – TURBO – Stepless adjustment mode – ULTRALOW (1) – Lock mode.

These brightness levels/modes can be cycled through in reverse by rotating the smart selection ring anti-clockwise.

When the smart selection ring is rotated to Lock mode, both buttons will be locked and cannot be used to switch the torch on.



Nitecore SRT7i specifications

Direct access to TURBO mode

When the torch is off, half-press and hold the MODE (STROBE READY)™ button to enter STROBE mode. Release to turn it off.

Direct access mode: When the torch is on, press the MODE (STROBE READY)™ button halfway and hold it to access TURBO. Release to return to the previous state.

Note: The TURBO setting will generate significant heat when activated for prolonged periods, and the torch will automatically dim by a few lumens to prevent overheating and extend battery life.

STROBE READY™

When the torch is off, hold down the MODE (STROBE READY)™ button to enter STROBE mode. Release to turn it off.

Direct access mode: when the torch is on, press the MODE (STROBE READY)™ button to enter STROBE mode. Briefly press the MODE (STROBE READY)™ button to return to the previous state or switch off the torch to exit STROBE mode.

Power Indicator

When the torch is switched on and the battery power is 50% or higher, the power indicator remains lit continuously.

When the torch is on and the battery power is approximately 50%, the power indicator flashes slowly to alert the user.

When the torch is switched on and the remaining battery charge is less than 10%, the power indicator flashes rapidly to alert the user.

ATR (Advanced Temperature Regulation)

The integrated ATR technology regulates the SRT7i's power output according to usage conditions and the ambient environment to maintain optimal performance

Maintenance

Every 6 months, the threads should be wiped with a clean cloth, followed by the application of a thin layer of silicone-based lubricant.



Nitecore SRT7i specifications

Features

- 3 regulated light modes + Strobe
- **With a 21700i 5000mAh NL2150HPi battery**
- 3000 ANSI lumens (3h15) range 580 metres 87,500 cd
- 100 ANSI lumens, 110-metre beam, 3010 cd
- 0.1 ANSI lumens (800 hours) range 5 metres 7 cd
- 3000 ANSI lumens (strobe)
- Battery: 1 x 21700 NL2150HPi 5000mAh battery
- Made from aerospace-grade aluminium alloy
- Shock protection against reverse polarity
- Finish: HA III-grade hard anodised scratch-resistant coating
- Dimensions: 163mm (length) x 40mm (head diameter) x 25.8mm (body diameter) x 31mm (rear button diameter)
- Weight: 175g (without battery)
- Waterproof to IP68 standard (2 metres)
- Can withstand a drop from a height of 2 metres
- 5-year manufacturer's warranty

Contents of the box

- Nitecore SRT7i torch
- Nitecore NL2150HPi 21700 5000mAh battery
- Tactical holster
- Belt clip
- Wrist strap
- Spare O-ring
- USB/Type-C charging cable



Stepless
Brightness Adjustment

Superior Performance
SmartRing Tactical Flashlight

SRT7i

New Breakthrough
in the SmartRing Tactical Series

3000 Lumens 580 Meters

These images are for guide purpose only, actual result may vary depending on ambient factors.
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Rotation & Press

One Hand Operable

4th generation Smart Selector Ring and tactical dual buttons on the tail are applicable for one-handed control of STROBE Mode, TURBO Level, TAC Mode, Lockout Mode, and brightness levels.



Ultimate Dual Tail Buttons

Specially designed for instant response
in tactical applications

2-stage
MODE Button

MODE



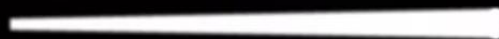
Power Button

580 METERS

Max Throw

With a peak beam intensity of 87,500cd, it can provide a max throw of 580 meters, **29%** higher than the previous generation, suitable for night searching and more.

SRT7i



580m

SRT7GT



450m

All-round Protection

IP68 Rated

2m Submersible and Waterproof



2m

Impact Resistant



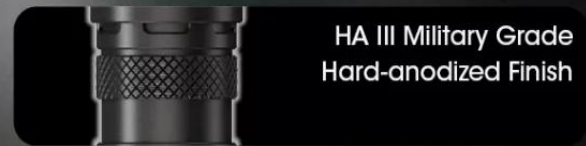
Constructed From
Aero Grade Aluminum Alloy



Optical Lenses With Double-sided
Scratch Resistant Coating



HA III Military Grade
Hard-anodized Finish



5,000mAh 21700i (NL2150HPi) Large Capacity Li-ion Battery Included

- Features dual way output with positive and negative polarities at both ends.
- Enables a highly efficient output of 15A by minimizing the loss of power due to internal resistance.



QC Charging

It only takes 2h 30min to fully charge
a 5,000mAh Li-ion battery.



USB-C Rechargeable

Available with a reversible plug-in



High Strength Metal Cover

Provides excellent impact resistance



Customizable Tactical Accessories

Optional



Traffic Wand **NTW40**

Diffuser **NDF40**



GM02MH



GM03



GM04

NITECORE Gun Mounts

Signal Light **TSL10i**



USB-C Remote Switch
RSW2i



Technical Data

	TURBO	LOW	ULTRALOW	STROBE
Brightness	3,000 Lumens	100 Lumens	0.1 Lumens	3,000 Lumens
Runtime	3h 15min	—	800h	—
Beam Distance	580m	110m	5m	—
Peak Beam Intensity	87,500cd	3,010cd	7cd	—
Impact Resistance	2m (Impact Resistance)			
Water Resistance	IP68, 2m (Waterproof and Submersible)			

Note: The stepless brightness adjustment ranges from ULTRALOW (0.1 lumens) to TURBO (3,000 lumens), and the runtime will vary from 800h to 3h 15min due to the different brightness levels.

Features

- Dual tail switches enable intuitive operations, specially designed for law enforcement, hunting and tactical applications
- 4th generation of the world's first SSR (Smart Selector Ring) Technology for smoothly and rapidly selecting brightness levels and modes
- Utilizes a Luminus SFT-70 LED with a max output of 3,000 lumens
- Stepless brightness adjustment from 0 - 3,000 lumens
- Stepless adjustment mode, lockout mode and TAC mode available
- An optical system combined with crystal coating and "Precision Digital Optics Technology" (PDOT)
- Max peak beam intensity of 87,500cd and max throw of 580 meters
- Max runtime of 800 hours
- STROBE READY™ Technology to enable a quick access to STROBE Mode (Patent No. ZL201320545349.4)
- STROBE Mode uses randomly changing frequencies for stronger dizzying effects
- Equipped with a power indicator
- Intelligent Li-ion battery charging circuit with a USB-C port
- NITECORE 21700i Li-ion battery included (NL2150HPi 5,000mAh)
- Highly efficient constant current circuit provides a stable output
- Anti-impact reverse polarity protection mechanism specially designed for shooting sports
- Incorporated Advanced Temperature Regulation (ATR) module (Patent No. ZL201510534543.6)
- Strike bezel uses high strength silicon nitride ceramics to enable excellent glass breaking performance
- Optical lenses with double-sided scratch resistant coating
- Constructed from aero grade aluminum alloy
- HA III military grade hard-anodized finish
- Waterproof and dustproof rating in accordance with IP68 (2 meters submersible)
- Impact resistant to 2 meters
- Tail stand capability



All-new Detachable Clip Included

It is fixed by the tail cap and the slot for limiting displacement,
allowing to avoid shaking and ensure firm mounting.



* Install or detach the clip only after removing the tail cap.