

ATLAS

DEFENSE



SCORCH

Thermal Red Dot Sight RMR/Picatinny

User Manual

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⑤ 2 x 14280 Batteries

A battery charger is included.

SPECIFICATIONS

Sensor Type: Uncooled VOx (Vanadium Oxide) Microbolometer

Sensor Resolution: 256 × 192 pixels

Thermal Sensitivity: NETD ≤ 35 mK

Wavelength: 8 – 14 μm (LWIR)

Pixel Size: 12 μm

Objective Lens: 13 mm

Aperture: F0.9

Field of View (approx.): ~13° × 10°

Display: 1.6" touchscreen display

Thermal Palettes: White Hot / Black Hot / Rainbow / other palettes

Image Settings: Brightness, contrast, calibration

User Interface: Touchscreen

Mounting: RMR footprint + Picatinny rail

Dimensions: 43 × 41 × 52 mm

Weight: ~105 g

Battery: Rechargeable 14280

Battery Life: ≥ 4 hours

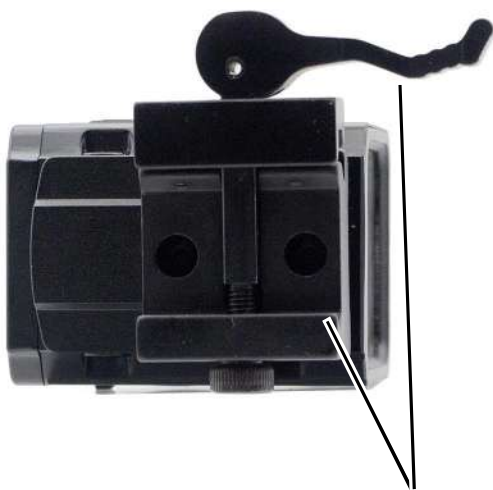
Operating Temperature: -20°C to +50°C

Environmental Protection: IP66

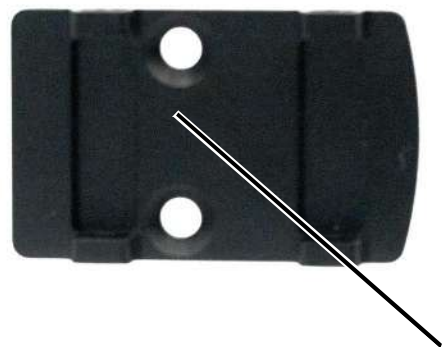
Construction: High-strength aluminum housing

Applications: Thermal observation, security, shooting, surveillance

MOUNTING



Picatinny Quick Lock Mount



RMR Mount

TURNING ON THE RED DOT

On/Off Button

Photo Mode (Not functional on V1)



INSTALLING THE BATTERY



Unscrew the battery cap in the “OPEN” direction.

Insert the battery following the polarity diagram.

Replace the cap and turn it to the “CLOSE” position.

POINT OF IMPACT ADJUSTMENT

Powering On and Displaying the Menu

Place your finger on the touchscreen to display the menu.



Point of impact menu

After firing, reposition the point of impact onto the reticle, press the “Crosshair” icon (①), then move the reticle to the point of impact using the “Up, Down, Left, Right” arrows (②), then press the back arrow and confirm.

RETICLE COLOR AND SIZE ADJUSTMENT

After turning on the red dot sight, you can swipe upward with your finger to change the reticle color, or swipe downward to change the reticle size.

MENUS



Adjust the point of impact.



Select the system language.



Choose the automatic shut-off delay.



MENUS



Select thermal color palettes.



White Hot, Black Hot, Red Hot, Green Hot,
Multi-color "Predator" Mode...



You can disable a palette by pressing this button.

To reactivate it, press again until it turns blue.

MENUS



Restore factory settings.



View the firmware version.



Adjust brightness and contrast.



MENUS



Adjust the date and time.



WARRANTY

This product is covered by a 1-year warranty against manufacturing defects.

For complete warranty terms and conditions, please visit our website or contact our support team via the email address above.

Proof of purchase is required for all warranty claims.

**Thank you for choosing our SCORCH Thermal Red Dot Sight.
We appreciate your feedback and look forward to serving you again!**

