



Hunter H3OS™

2 MOA - Red Dot Reflex Sight

- 2 MOA dot size
- 50,000 hours (over 5 years) of constant operation on one battery
- 12 position digital push button intensity adjustment
- Weight 225 g (7.9 oz) sight only
- Submersible to 1 meter (3 feet)
- Ideal for use on rifles with short or standard actions

INCLUDES: Flip-up Lens Covers, CR2032 Battery, Aimpoint® Tool

ITEM NO. 12690

PRODUCT OVERVIEW

The slim, compact design of the Aimpoint® Hunter H3OS makes this sight the perfect choice for compact or lightweight firearms.

The H3OS is ideal for use on standard or short action rifles, as well as semi-automatic rifles, combination rifles and drilling. This optic has a precise 2 MOA dot and a 30 mm tube diameter, which is standard and therefore offers a large choice of mounting rings. It has an anodized high strength aluminum housing. With silent digital intensity push buttons, the brightness setting can be adjusted quickly and easily under any conditions. Now with transparent rear and front flip-up covers included!

The elegant but rugged Hunter H3OS provides the ability to shoot with both eyes open and remain focused on the target while being fully situationally aware – an advantage for any hunter.

Launched: 2010

KEY FEATURES

- Multi-coated 35 mm objective lens
- 2-ring configuration fits nearly all 30 mm ring mounting systems
- Silent digital push button intensity adjustment for ease of use in the field while wearing gloves
- Anodized high strength aluminum housing, semi-matte black
- Legendary Aimpoint ruggedness

TECHNICAL SPECIFICATIONS

PHYSICAL SPECIFICATIONS

Size L x W x H 207 x 56 x 56 mm

Weight 235 g

Size L x W x H - Sight Only 197 x 50 x 50 mm

Weight - Sight Only 225 g

Material Housing and Tube High Strength Aluminum

Color Housing Black

Lens Covers Flip-up Lens Covers, Transparent

Adjustment 1 Click = 20 mm at 100 m / 0.7 in at 100 yds

Size L x W x H 8.1 x 2.2 x 2.2 in

Weight 8.3 oz

Size L x W x H - Sight Only 7.8 x 2.0 x 2.0 in

Weight - Sight Only 7.9 oz

Surface Finish Housing Anodized, Semi-Matte

Tube Diameter 30 mm / 1.2 in

Material Lens Covers Thermoplastic Elastomer (TPE)

OPTICAL SPECIFICATIONS

Dot Size 2 MOA

Magnification 1X - No Magnification

Transmission Average 60% in the range 420 - 700 nm

Diode LED (Light Emitting Diode) totally eye safe

Light Source Wavelength 650 nm red light

Clear Aperature 25 mm / 1.0 in

*** MOA (minute of angle)** 1 MOA \approx 30 mm at 100 meters \approx 1 in at 100 yards

Night Vision Device (NVD) Compatible No

Eye Relief Unlimited

Dot Color Red

Optical Coating Anti-reflex coating all surfaces and multilayer coating objective lens

Parallax Operationally parallax free – No centering required

POWER SOURCE SPECIFICATIONS

Battery Life 50,000 h at daylight setting 7 (15,000 Lux, room temperature)

Battery Quantity 1

Power Switch Push Buttons

Start Setting Position 7 of 12

Battery Type CR2032, 3V, Lithium

Battery Size CR2032

Daylight (DL) Settings 12

MOUNTING SPECIFICATIONS

Mounting Solution Not Included

Max Distance Between Rings 108 mm / 4.3 in

Max Ring Width 30 mm / 1.2 in

TECHNOLOGY SPECIFICATIONS

Operating Principle Reflex collimator sight - red dot sight

ENVIRONMENTAL SPECIFICATIONS

Submersible to 1 m / 3 ft

Radioactive Material None

Temperature Range Storage - 51°C to + 71°C / - 60°F to + 160°F

Humidity Operable during and after Humidity. Limits: RH: 95%, Temp: +20°C to +50°C (+68°F to +122°F), cyclic

Vibration Withstands Vibration. Limits: Vibration, sinusoidal in a frequency range of 10-150 Hz. Frequency: 10-30 Hz, ±1.587 mm, Frequency: 30-150 Hz. 5.75 g, 1 octave/min. Direction: X, Y and Z, Time: 30 min/direction.

Laser No Laser Emission

Temperature Range Operation - 30°C to + 60°C / - 20°F to + 140°F

Temperature Shock Operable after a temperature shock between - 30°C and + 60°C / - 22°F and + 140°F

Shock Operable before and after shock. Limits: X-axis: 500 g, 0.7 – 1.1 ms (3 shocks), Y-axis: 40g ±4g, 11 ±1ms (2 shocks in each direction, Z-axis: 40g ±4g, 11 ±1ms, 2 shocks in each direction.

Chemical Resistance Withstands occasional contamination by weapons cleaners, lubricants, fuels and insect repellents.