

ELCAN Specter® Optical Weapon Sights

Product Catalogue



Raytheon
ELCAN Optical Technologies



ELCAN Specter® DR Dual Role Weapon Sight

Benefits

- Uncompromised situational awareness
 - Switches instantly between magnifications
 - Eye relief and bore sighting remain constant between magnifications
 - Generous 70mm eye relief and wide viewing angle for rapid “both eyes open” target acquisition
- High efficiency broadband coatings and large exit pupil diameter for extended low light performance
- Shock protected precision optics for rugged, reliable performance
- Integrated lever-lock mount for optimum weight reduction
- Two sights in one

ELCAN Specter® DR Dual Role Military Combat Weapon Sight

The ELCAN Specter DR® (available in 1-4x and 1.5-6x configurations) dual role weapon sight is a dual-field-of-view combat optic that provides both close quarters and precision down-range fire capability in a single optic. Whether utilizing the red dot in 1x (1.5x) mode or the ranging reticle in the 4x (6x) mode, the Specter DR dual role combat optic provides ultra-wide viewing angles for optimal situational awareness and unmatched low-light performance. Utilizing a side mounted “throw lever” the Specter DR sight quickly and easily changes the field of view to fit the warfighters’ operational needs. The Specter DR DFOV sight is also equipped with an illuminated reticle that, when paired with its superior light gathering capability, makes it extremely effective in low light conditions.

The illuminated reticle, along with the red aiming dot, is controlled by a new and improved low profile illumination switch that not only reduces the overall width of the sight, but also its overall weight while increasing battery life by 50%.

The ELCAN Specter DR optical sight is compatible with both image intensified (I²) and thermal clip-on devices to provide complete day/night packages to meet all mission requirements.

NOTE: ELCAN Specter® sighting systems incorporate advanced technologies that may be subject to export licensing restrictions. Copyright 2019, Raytheon ELCAN Optical Technologies.

ELCAN Specter® DR Dual Role Weapon Sight



ELCAN Specter DR 1-4x dual role optical sight with optional ARD

SPECIFICATIONS	ELCAN Specter DR 1-4x	
Dimensions (L x W x H)	153mm x 62mm x 72mm (6" x 2.5" x 2.9")	
Magnification	1x	4x
Field-of-View	24°	6°
Weight	620 g (1.37lb)	
Entrance Pupil Diameter	32 mm (1.26")	
Exit Pupil Diameter	7.8mm (0.31")	
Eye Relief	70mm (2.75")	
Battery	CR2032	
Reticle	Illuminated red dot with 5.56, 7.62 or 50 cal NATO ballistic drop reticle - available for AR or MG platforms	
Mount Attach Options	Dual-lever attachment Picatinny rail compatible mount STANAG 4694 NATO accessory rail	
Optical Axis Height	39 mm (1.535") above the rail	

SPECIFICATIONS	ELCAN Specter DR 1.5-6x	
Dimensions (L x W x H)	184mm x 63mm x 73mm	
Magnification	1.5x	6x
Field-of-View	16°	4°
Weight	700 g (1.54lb)	
Entrance Pupil Diameter	42.4 mm (1.67")	
Exit Pupil Diameter	7mm (0.275")	
Eye Relief	70mm (2.75")	
Battery	CR2032	
Reticle	Illuminated red dot with 5.56, 7.62 or 50 cal NATO ballistic drop reticle - available for AR or MG platforms	
Mount Attach Options	Dual-lever attachment Picatinny rail compatible mount STANAG 4694 NATO accessory rail	
Optical Axis Height	39 mm (1.535") above the rail	

Now available for light and heavy machine gun applications.



ELCAN Specter DR 1.5-6x dual role optical sight





Proven on your AR, trust it on your MG

Benefits

- Battle-proven rugged, reliable performance
- Uncompromised situational awareness
 - Switches instantly between magnifications
 - Eye relief and bore sighting remain constant between magnifications
 - Generous 70mm eye relief and wide viewing angle for rapid “both eyes open” target acquisition
- High efficiency broadband coatings and large exit pupil diameter for extended low light performance
- Shock protected precision optics for rugged, reliable performance
- Integrated lever-lock mount for optimum weight reduction
- Two sights in one

ELCAN Specter® DR Dual Role Sights - ready now for machine gun platforms

The Specter DR 1-4x and Specter DR 1.5-6x optical weapon sights are rugged, reliable and proven with elite, allied militaries around the world for AR (assault rifle) platforms. Raytheon ELCAN Optical Technologies has now adapted this unique capability, available only in the Specter DR dual role sight, for both light and heavy machine gun (MG) platforms.

The MG version of the Specter DR has a reticle designed for machine gun ballistic drop compensation while maintaining the crisp, red aiming dot and reticle illumination of the original ELCAN Specter DR dual role sights. The sight uses the same battle-proven, rugged, reliable optics and mechanics, providing the right tool to meet mission requirements. The sight provides improved marksmanship capabilities to increase lethality and situational awareness to machine gunners.

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ELCAN Specter® DR Dual Role Weapon Sight for Machine Gun Platforms



ELCAN Specter DR 1-4x dual role optical sight with optional ARD (see page 10)

SPECIFICATIONS	ELCAN Specter DR 1-4x	
Dimensions (L x W x H)	153mm x 62mm x 72mm (6" x 2.5" x 2.9")	
Magnification	1x	4x
Field-of-View	24°	6°
Weight	620 g (1.37lb)	
Entrance Pupil Diameter	32 mm (1.26")	
Exit Pupil Diameter	7.8mm (0.31")	
Eye Relief	70mm (2.75")	
Battery	CR2032	
Reticle	Illuminated red dot with 5.56, 7.62 or 50 cal NATO ballistic drop reticle - available for AR or MG platforms	
Mount Attach Options	Dual-lever attachment Picatinny rail compatible mount STANAG 4694 NATO accessory rail	
Optical Axis Height	39 mm (1.535") above the rail	

SPECIFICATIONS	ELCAN Specter DR 1.5-6x	
Dimensions (L x W x H)	184mm x 63mm x 73mm	
Magnification	1.5x	6x
Field-of-View	16°	4°
Weight	700 g (1.54lb)	
Entrance Pupil Diameter	42.4 mm (1.67")	
Exit Pupil Diameter	7mm (0.275")	
Eye Relief	70mm (2.75")	
Battery	CR2032	
Reticle	Illuminated red dot with 5.56, 7.62 or 50 cal NATO ballistic drop reticle - available for AR or MG platforms	
Mount Attach Options	Dual-lever attachment Picatinny rail compatible mount STANAG 4694 NATO accessory rail	
Optical Axis Height	39 mm (1.535") above the rail	

Now available for light and heavy machine gun applications.



ELCAN Specter DR 1.5-6x dual role optical sight





ELCAN Specter® OS Fixed Magnification Sight

Benefits

- Lightweight, streamlined housing and integrated lever-lock mount for optimum weight reduction
- High efficiency broadband coatings and large exit pupil diameter for extended low light performance
- Generous 70mm eye relief
- Shock protected precision optics for rugged, reliable performance

ELCAN Specter® OS Fixed Magnification Lightweight Day Sight

The ELCAN Specter® OS (available in 4x and 6x configurations) optic is a rugged, lightweight, optical day sight designed for NATO standard light arms. The Specter OS sight is a fixed 4x (or 6x) magnification optical sight with a large exit pupil and long 70mm eye relief. The bright, high resolution 4-power (or 6-power) optics provide optimum target acquisition and identification.

Superior situational awareness is achieved due to the ultra-wide viewing angle and unmatched viewing in lowlight conditions. The Specter OS optical weapon sight is fitted with a red aiming dot and illuminated ballistic reticle and are controlled by a new and improved low profile illumination switch that not only reduces the overall width of the sight, but also its overall weight while increasing battery life by 50%.

The ELCAN Specter OS optical sight is compatible with both image intensified (I^2) and thermal clip-on devices to provide complete day/night packages to meet all mission requirements.

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ELCAN Specter® OS Fixed Magnification Sight



ELCAN Specter OS 4x fixed magnification optical weapon sight

SPECIFICATIONS	ELCAN Specter OS 4x
Dimensions (L x W x H)	153mm x 62mm x 69mm
Magnification	4x nominal
Field-of-View	6° nominal
Weight	528 g (1.2 lb)
Entrance Pupil Diameter	32 mm (1.26")
Exit Pupil Diameter	Minimum 7.7mm (0.3")
Eye Relief	70mm (2.75")
Battery	CR2032
Reticle	Illuminated red dot with 5.56 or 7.62 NATO ballistic drop reticle
Mount Attach Options	Dual-lever attachment Picatinny rail compatible mount STANAG 4694 NATO accessory rail
Optical Axis Height	39 mm (1.535") above the rail

SPECIFICATIONS	ELCAN Specter OS 6x
Dimensions (L x W x H)	184mm x 63mm x 68mm
Magnification	6x nominal
Field-of-View	4° nominal
Weight	640 g (1.41lb)
Entrance Pupil Diameter	42.4 mm (1.67")
Exit Pupil Diameter	7mm (0.275")
Eye Relief	70mm (2.75")
Battery	CR2032
Reticle	Illuminated red dot with 5.56, 7.62 or 50 cal NATO ballistic drop reticle
Mount Attach Options	Dual-lever attachment Picatinny rail compatible mount STANAG 4694 NATO accessory rail
Optical Axis Height	39 mm (1.535") above the rail



ELCAN Specter OS 6x fixed magnification optical weapon sight

Raytheon ELCAN Optical Technologies has been manufacturing advanced sighting systems since 1986. ELCAN Specter® sights are a complete line of battle-tested, premium quality military tactical weapon sights defined by ruggedness, superior optical performance and unique capabilities.

Well over 750,000 ELCAN Specter® Sights have been fielded with elite allied forces around the world.

ELCAN Specter® Sights incorporate advanced technologies that may be subject to export licensing restrictions. For further information about technology restrictions and product availability please contact:

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