

## World Class Standards

Customers appreciate that their critical, build-to-order programs are managed with speed, cost-effectiveness and above all, adherence to the highest standards of quality. Raytheon ELCAN's total quality management system is governed by demanding certifications. Each facility has unique certifications and qualifications to meet the specialized needs of their customers.

## Standards

- Registered to ISO 13485
- Registered to ISO 9001
- Raytheon Six Sigma™ Culture



ELCAN, as a part of Raytheon, uses Raytheon Six Sigma as a method for delivering continuously increasing levels of customer value. We use these principles in the pursuit of perfection. The principles of R6Sigma are the foundation for our corporate culture.

Raytheon ELCAN Assurance is the individual recognition of each critical component and the appreciation of how much our customers depend on us to do our jobs right - so they can do theirs. ELCAN Assurance is the daily reminder to us that everything we do has a direct impact on the success of our customers.



*"Whether the user of our product is a soldier, sailor or airman; a cinematographer taking a critical shot; a pilot landing a commercial airliner in poor weather; or a doctor performing a delicate procedure; our customers depend on us to do the job right"*

**Dr. Joseph De Remigis**  
President and Chief Executive  
Raytheon ELCAN Optical Technologies

## Customer Success is our Mission

Raytheon ELCAN Optical Technologies is a fully integrated firm specializing in the design and manufacture of precision electro-optical systems for commercial, defense and bio-sensing applications. Optics by ELCAN are the world's most advanced and reliable EO solutions, custom built to meet the most demanding customer needs. Raytheon ELCAN Optical Technologies is part of Raytheon Network Centric Systems.

Established in 1952, Raytheon ELCAN Optical Technologies has evolved into one of the world's leading suppliers of precision optics and electro-optical subsystems. Born of the legacies of three renowned companies (Ernst Leitz, Hughes, Texas Instruments), the company is consistently on the frontiers of innovation. ELCAN employs over 1100 talented scientists, designers, engineers and skilled production staff within two modern facilities located in Midland, Ontario, Canada; and Richardson, Texas, USA.



### MIDLAND, ONTARIO

- Established 1952. North America's largest fully integrated contract optical manufacturer
- Complete design and engineering staff for optics, mechanics and systems development
- World's largest capacity diamond point turning operation
- 25,000 sq. ft. modern coatings facility
- 240,000 sq. ft., including International or ITAR export compliant production



### RICHARDSON, TEXAS

- Established 1956 with experience in every field of high performance optical systems
- 110,000 sq. ft. modern facility
- High efficiency lean manufacturing capability
- Fully integrated ITAR compliant EO systems manufacturing

Raytheon Company (NYSE: RTN) is a technology and innovation leader specializing in defense, homeland security and other government markets throughout the world. Raytheon provides state-of-the-art electronics, mission systems integration and other capabilities in the areas of sensing; effects; and command, control, communications and intelligence systems, as well as a broad range of mission support services. With headquarters in Waltham, Mass., Raytheon employs 72,000 people worldwide.

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**Raytheon**  
ELCAN Optical Technologies



Advanced Sighting Systems

**Raytheon**  
ELCAN Optical Technologies

## Your Rugged, Reliable Mission Leader

Raytheon ELCAN Optical Technologies is the mission leader with a complete range of battle-tested, premium quality sighting systems including thermal imaging (IR), digital and multi-function optical rifle sights. Raytheon ELCAN has been designing and building advanced sighting systems since 1986 and is committed to ongoing product development to meet specific customer needs and changing operational requirements.

### DELIVER.

Along with rifle, helmet and radio, advanced sighting systems by ELCAN are essential elements of any modern soldier system. They provide "see first-act-first" capabilities for the warfighter to detect and engage the enemy with NO DOUBT™ mission assurance.



**OUR EXPERIENCE IN MERGING THE BEST MINDS WITH THE LATEST TECHNOLOGIES MAKES RAYTHEON ELCAN THE BEST MISSION PARTNER FOR DEVELOPING ADVANCED, COST-EFFECTIVE SIGHTING SYSTEMS.**

### WE KEEP TOUGH COMPANY

For over 20 years the defining characteristics of Specter sights by ELCAN have been ruggedness, superior optical performance and unique capabilities. Hundreds of thousands of optical sights by ELCAN are deployed with elite fighting forces around the world as their standard issue sight for small arms, are recognized by military marksmen as being the easiest, most accurate small arms targeting system and are preferred for their operational simplicity, rugged performance and high-precision optics.

A key to Specter's success is Raytheon ELCAN's more than 160-year legacy designing and building precision optics. Raytheon ELCAN is proud to provide advanced optical systems for a variety of military applications including missile guidance, airborne sensors and targeting, tactical imaging systems, man-portable sighting systems and rifle sights. Specter sights by ELCAN have been developed and tested in close cooperation with North American and European allied forces and have been battle-proven to perform flawlessly under the harshest battlefield conditions.

### SpecterOS by ELCAN

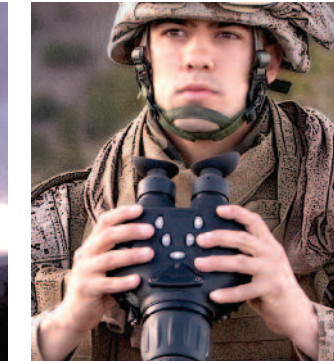
Refined under fire since 1986, the SpecterOS (Optical Sight) products are in service all over the world with Canadian, US, UK and allied forces. Based on a brilliant design of optics, married with a rugged telescope housing with external zeroing, the SpecterOS sights give unequalled brightness, widest field of view and high resolution. Many elite infantry forces deploy the SpecterOS 3x, 3.4x or 4x sights as their standard issue lightweight day sight.



### DESIGN.

Raytheon ELCAN is able to design and manufacture custom rifle sights and "next-generation" fire control systems for our military and commercial customers.

**ELCAN HAS DESIGNED A FAMILY OF MULTI-FUNCTION COMBAT SIGHTS WITH VARIOUS MAGNIFICATION RANGES FOR DIFFERENT USER AND OPERATIONAL REQUIREMENTS.**



### SpecterDR BY ELCAN

The SpecterDR dual role rifle sight by ELCAN represents a revolution in optical sight design. The world's first truly dual field-of-view combat optical sight combines the best of close and precision fire ranged combat features. The SpecterDR (Dual Role) rifle sight switches instantly from magnified sight to a CQB sight at the throw of a lever. Unlike zoom sights, the SpecterDR rifle sight offers an optimized performance with key human factors, such as long eye relief and constant exit pupil size. Situational awareness in both magnifications is improved with ultra-wide viewing angles and unmatched viewing in low light.

Depending on conditions, the user may vary the illumination of the crosshairs or employ a 1.5 MoA dot in the center. In 1x mode, the SpecterDR rifle sight has by far the largest field of view in the industry. In 4x (or 6x) mode, SpecterDR offers a generous field of view, long eye relief, and Raytheon ELCAN's legendary crystal clear image. The SpecterDR rifle sight by ELCAN offers the best single solution for both CQB and Long Range engagements and is designed to withstand the rigors of modern professional use.



### MAN-PORTABLE THERMAL IMAGING EXCELLENCE

The PhantomIRx man-portable thermal imager by ELCAN is a rugged lightweight infrared binocular system that uses the latest in low-power, compact, uncooled thermal technology. The PhantomIRx thermal imager by ELCAN can recognize a man-sized target at greater than 2,000 metres. Unlike image intensification night-vision devices that only magnify existing light, thermal imaging cuts through darkness, through smoke, dust and most fogs. It cannot be defeated by artificial light or adverse visible conditions. The PhantomIR was designed for the following applications:

- Military operations
- Border security
- Surveillance

### THE FUTURE IN SIGHTS

Raytheon ELCAN is also able to design and manufacture custom rifle sights and "next-generation" fire control systems for our military and commercial customers. Beyond the capabilities of other "glass in metal" companies and having launched the world's first all digital rifle sight for the commercial market, ELCAN is leading the development of digital sighting systems for the warfighter and homeland security.

NOTE: Raytheon ELCAN sighting systems are advanced technologies that may be subject to export licensing restrictions. Please contact Raytheon ELCAN for further information on technology restrictions and product availability.

