

# Ultra-Tough™ Enclosures

## Rugged Design

Cast walls up to 3/4" [19mm] thick, 3/4" [19mm] extruded aluminum bezel and 3/8" [9.5mm] thick borosilicate viewing window ensure that the *ULTRA-TOUGH™* enclosure stands up to almost any type of industrial punishment.

## Leak Resistant

RTV-108 seals, solvent resistant gaskets and maximum sealing surfaces (at least 5/8" [16mm] wide) enhance leak protection. The seals may also be ordered as PTFE Teflon® and Epoxy sealant for superior resistance to most solvents (CR Option).

## Retrofit Ready

Existing 10X-Series and EG-Series sensor electronics are fully compatible with the *ULTRA-TOUGH™* enclosure, for quick and easy upgrades. All SCAN-A-LINE™ 10X-Series sensors (10XAS-Series, 10XBR-Series), EG-Series sensors, and Hole Detection Sensors 10XHD-Series, 10XHS-Series & SHD-Series may be initially ordered, or retrofitted with the *ULTRA-TOUGH™* enclosures.

## Corrosion Resistant

*ULTRA-TOUGH™* enclosures are painted with Nitro-Blue Polane Epoxy paint for superior resistance to most corrosive chemicals, especially kerosene.

## Easier Repairs

The entire viewing window bezel/cover plate assembly, with the electronics attached, may be removed and replaced in the field.

## Specifications

**ENCLOSURE:** Cast Aluminum; Side walls 5/8" [16mm] thick; end walls and base are 3/4" [19mm] thick.

**GLASS LENS:** Borosilicate Glass 3/8" [9.5mm] thick.

**BEZEL:** Extruded Aluminum 3/4" [19mm] thick.

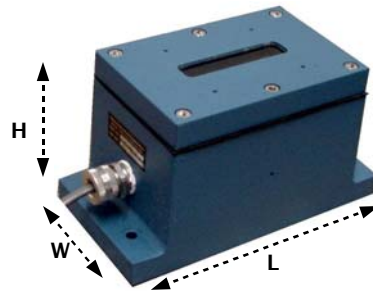
**FINISH:** Polane Epoxy Painted Nitro-Blue (Standard color, other colors available upon request).



## Dimensions

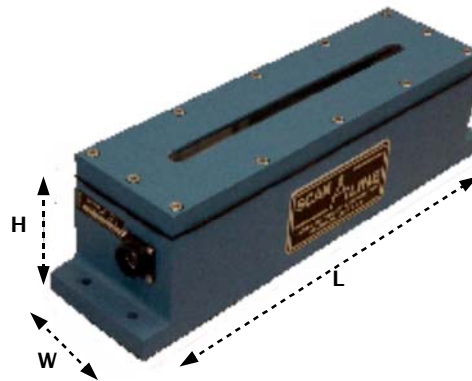
**RECEIVERS:** Applies to all 10X-Series receivers. Applies to EG-Series emitters and receivers.

H = 4.6" [105mm]  
W = 4.13" [117mm]  
L = 8" [203mm]



**EMITTERS:** Applies to 10XAS-Series, 10XHD-Series & 10XBR-Series emitters.

H = 4.8" [122mm]  
W = 4.13" [105mm]



L (10X-10) = 16.2" [411.5mm]  
L (10X-20) = 26.2" [665.5mm]  
L (10X-30) = 36.2" [919.5mm]  
L (10X-40) = 46.2" [1173mm]

**Harris Instrument Corporation**  
155 Johnson Drive Delaware, OH 43015  
Voice: 740-369-3580 Fax: 740-369-2653  
info@harris-instrument.com www.harris-instrument.com