

In Development

# ViperSight

Flexible Image Bundle for Ruggedized Remote Viewing and Targeting Applications



## ViperSight

Designed for urban operations, this flexible imaging bundle can be mounted to any weapon to allow soldiers the ability to remotely view and/or target around obstacles while maintaining a covered position to greatly enhance soldier survivability.

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## Bundle Specifications

Fiber Designation	A2 or equivalent
Optical Imaging Area	4x4 mm bundle quality area – Full eyepiece illumination
Length	2 feet, up to 4 feet **longer lengths available for specific applications**
Single Fiber Size	60x60 um, 10 um elements, 6x6 array
Numerical Aperture	0.64
Resolution	45 lp/mm
Transmission (Bundle)	40% - 50% (length dependent) @ 400 – 1000 nm
Minimum Bending Radius (long term)	50 mm (sheathing dependent)
Jacket Diameter	Ø 8.0 ± 0.1 mm (others on request)
Temperature Resistance	-40°C to +125°C (-40°F to +257°F) up to 150°C /302°F with alternative jacketing
Chemical Resistance	Resistant against oil, grease, bases, acid, fuel, water
Flammability	Flame retardant and self-extinguishing (in accordance to manufacturer data)
Outer Jacket Color	Black
Maximum Tensile Force	> 180N (IEC 793 2A4) or > 40.5 lbf
Weight	1.26 lbs

## Performance Characteristics

Image bundle can be mounted to any weapon via standard picatinny rail	
Fiber Optic imaging technology provides high resolution / image quality	
Allows for remote viewing and/or targeting around obstacles while concealed	
Eyepiece designed for quick connect/disconnect to standard NVG helmet mount	
Eyepiece designed for viewing by left or right eye	
Targeting capabilities available via use of standard laser targeting devices	
Bundle and display system is completely passive – power requirements for laser targeting device only	
Flexible design allows bundle to be coiled for storage	
Industry proven reliability and durability	

For more information please contact the sales department at:

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