Hawkeye® Pro SuperSlim Specifications

Optics	
Field-of-View	42°
Direction-of-View	0°
Relay Optics	e2 endoGRINs® Glass Relay Lenses
Magnification	Borescopes are not fixed magnification like microscopes. See chart.
Mechanical / Construction	
Length	4", 8", 10", 14", 17"
Diameter	4" and 8 " Scopes: .098" (2.4 mm), 10", 14" and 17" Scopes: .110" (2.8 mm). 4" and 8" Scopes w/ Mirror Tube: .109” (2.8 mm), 10", 14" and 17" Scopes w/ Mirror Tube: .128” (3.3 mm)
Lightpost	LightConcentrator™ ACMI configuration, Diameter 0.300"
Eyecup	Standard DIN, 32 mm diameter, with independent focusing ring
Materials	
Tube	304 Stainless Steel
All Machined Stainless Steel	303 Stainless Steel
Eyecup and Focusing Ring	Aluminum, black anodized
Front Window	AR coated optical Glass
Illumination Fiber	Optical Glass

Relay Optics	e2 endoGRINs® gradient index glass lenses
Environmental	
Temperature Range	Official - 20° to 120° C.
Note 1	Hawkeye Pro Rigid Borescopes can be made to operate up to 300 deg. C on a custom Basis. Contact your sales representative for details.
Note 2	These scope were not designed to operate below 0°. However, several of our customers have successfully used the scopes in liquid Nitrogen at 77 deg. K.
Pressure	All Hawkeye borescopes we designed only for use at ambient pressure, however, we have several customers who have successfully used Hawkeye Borescopes at pressures up to 500 PSI and down to 10-6 Torr. As the scopes were not specifically designed for this, the operator does so at his own risk.
Chemical Resistance	All Hawkeye Pro Rigid borescopes (tube only, not the eyepiece end) are water tight and are resistant to most hydrocarbons; oils, gasoline, hydraulic fluid, jet fuel, etc. Exposure to Acids and strong Alkali should be avoided as it will attack the optical window.