Smart AT-8S
Infrared Illumination

AXTON
ILLUMINATE THE NIGHT

EASY INTEGRATION and CONTROL
Seamless & precise integration via I/O ports.
Link multiple units together. Sync with camera or any
other system device with input or output capability.
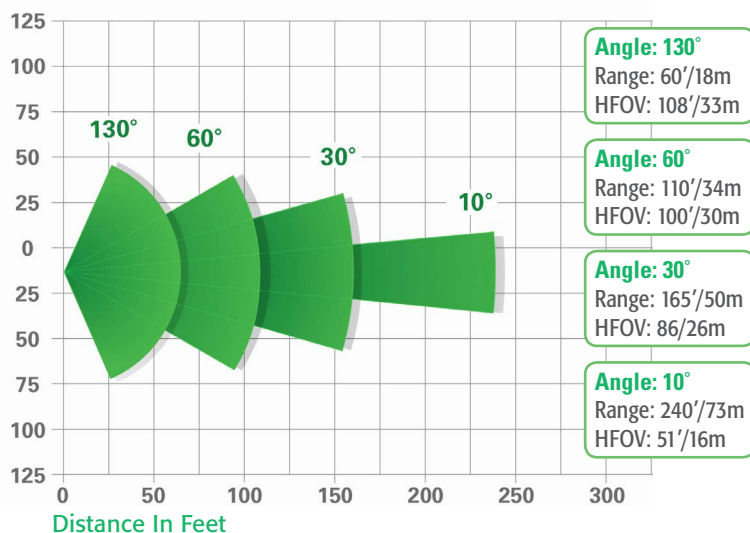Automatic On/ Off, Night/ Day switch via built-in photocell.

SIMPLE INSTALLATION
Extended range (12-36) VDC or (12-24) VAC low-voltage
input for simplified installation.

LIFETIME WARRANTY - MADE IN THE USA
All products are covered by a lifetime warranty with
advanced replacement. All illuminators are designed
and manufactured in the USA.

ILLUMINATION DISTANCE

Angle: 130°
Range: 60'/18m
HFOV: 108'/33m

Angle: 60°
Range: 110'/34m
HFOV: 100'/30m

Angle: 30°
Range: 165'/50m
HFOV: 86/26m

Angle: 10°
Range: 240'/73m
HFOV: 51'/16m

Distance In Feet

SPECIFICATIONS

Wavelength	850nm (semi-covert)
Input Voltage	(12 - 36)V DC or (12 - 24)V AC
Power Consumption	8 Watts
Operating Temperature	-58°F...+140°F / -50°C...+60°C
Dimensions	3.75" x 2.75" x 2" / 95 x 70 x 51 mm
Weight	10oz./0.3kg.
Environmental	IP 67
Mounting	Tilting U-bracket

TIPS:

HFOV - Horizontal Field Of View - Coverage area in feet/meters or an angle. For optimal system performance HFOV should be matched to cameras field of view. The greater the coverage angle the less illumination distance.

Use IR-Corrected Lens - Non IR-Corrected lenses may produce blurry images due to focus shift caused by IR light, this requires refocusing.
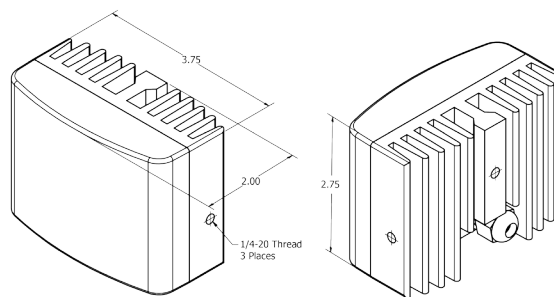
To increase the range place several IRs together:
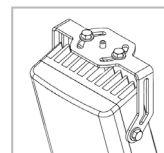Two units = 40% more range, Three units = 70% more range

Consider using I/O ports to synch IR & Camera - Input/Output ports allow to hard-wire IR & the camera for seamless switching from day to night modes. You may also daisy chain multiple IRs to switch ON/OFF synchronously.

3.75
2.00
2.75
1/4-20 Thread 3 Places

TILTING
U-BRACKET
included*

*Free to swap with
Mobotix or L bracket

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801 West Robinson Drive, Suite 500, North Salt Lake, UT 84054
801/519-0500   801/519-0501   sales@axtontech.com   www.axtontech.com

Made in the USA   Lifetime Warranty