



High Tech Inspection Solutions

INFRARED CAMERA IR – 100 XS

Specifications



10-Bit Color Display



Performance

Detector	Vanadium Oxide (VO _x) Uncooled Microbolometer (160 x 120 pixel array)
Pixel Size	51 µm Square Pixels
Spectral Band	8 mm to 14 mm
NETD	< 0.070°C @30°C
Video Frame Rate	30 Hz
Cryogenic Cooling	None Required

Display & Image Storage

Digital Display	3 ½" LCD: 10-bit Color (Black/White or Color Selectable)
Digital Storage Medium	Internal Flash Memory with 250 Image Capacity
Image Review Mode	Review Stored Images on Camera Display
Image Transfer	Via RS-232 Connection to PC With Supplied Software

Software

Reports	Easily generate professional customized reports
Image File Format	Transferred as PGM format and Saved as JPEG or BMP (Microsoft Word Compatible)
Colorization	Multiple Palette Choices Available (10 Palette, 8 color and 2 B/W)

Standard Optics

20mm f/0.8 Germanium	Field of View: 23° Horizontal, 17° Vertical
I FOV (m rad)	2.6

Interfaces

Image Transfer	RS-232
Video Output	RS-170 NTSC

Electrical

Battery	NiCd 12V 2Amp Est. 3hr. Battery Life
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Physical Dimensions

L x W x H 5 x 3.5 x 11 inches	Weight (with battery) 4.12 lb.
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Standard Equipment

Camera with 20mm f/0.8 lens	2 Rechargeable Batteries
Battery Charger	Neck Strap
Lens Cap	Heavy Duty Carrying Case
SightView™ Software	Operation Manual
RS-232 Communication Cable	

INFRARED CAMERA IR – 100 XS



Price List

Powerful Thermal Imager – IR-100 XS with 10-Bit COLOR DISPLAY

The IR-100 XS is a portable infrared camera with outstanding image quality. Viewing at a full 30 frames per second makes scanning simple. Snap up to 250 high quality images and easily prepare reports from your PC. Simply turn on the IR-100 XS, select grayscale or color palette and begin scanning or capturing images. The IR-100 XS is ideal for pest professionals, mold and home inspectors. The imager weighs in at just over four pounds and includes viewing software.

Part #	Description	Unit Price
IR100 XS	IR-100 XS Thermal Imager, 20 mm Lens (23° x 17° FOV) Features: <ul style="list-style-type: none"> • 160x120 Element, 50µm VO_x Detector • 30 Hz Frame Range • Image Storage (up to 250 images, date and time stamped) • 10-Bit Color Display Standard Accessories included: <ul style="list-style-type: none"> • High Quality Battery Charger • 2 Rechargeable Batteries • Viewing Software • RS-232 Cable • Neck Strap • Heavy-Duty Carrying Case 	\$6,995.00 SPECIAL \$6495.00

Optional Accessories:

Part #	Description	Unit Price
100-101	Rechargeable Battery	\$75.00
100-102	Battery Charger	\$150.00
100-310	Harness Strap (around shoulders and waist)	\$50.00
100-232	RS-232 Cable, Standard	\$25.00
100-200	Video Cable, Shielded	\$20.00
100-300	Padded Neck Strap	\$30.00
100-400	Sun Shield	\$200.00
100-232U	RS-232 to USB Adapter	\$40.00
100-020	20mm Lens (18.7° FOV)	\$2,290.00
100-CAL	Standard Calibration	\$1,250.00
100-500	Extended Warranty (additional 12 months)	\$1,000.00
100-UPG	Upgrade, IR-100XS to IR-100XST	\$1,995.00

Full payment is due upon order. All prices FOB, Miami, FL.

CODE IRXSPECAUG07

Does not include applicable taxes.

Does not include formal training & certification.

Prices subject to change without notice.