



High Tech Inspection Solutions

INFRARED CAMERA IR – 100 XST

Price List



Powerful Thermal Imager – IR-100 XST w / 10-Bit COLOR DISPLAY

The IR-100 XST is a rugged portable infrared camera with outstanding image quality and precision temperature measurement capability (+/-2C or 2%). Viewing at a full 30 frames per second makes scanning simple and temperature measurement is made easy with center point temperature radiometry. Snap up to 250 high quality images and easily prepare reports from your PC. Simply turn on the IR-100 XST, select grayscale or color palette and begin scanning or capturing images. The IR-100 XST 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 XST	IR-100 XST Thermal Imager, 20 mm Lens (23.1° x 17.4° FOV) Features: <ul style="list-style-type: none"> Center Point Temperature Measurement Calibrated Temperature Range = 0-100C (+/-2C or 2%) 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 	\$7,495.00 SPECIAL \$ 6995.00

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 (23.1° x 17.4° FOV)	\$2,290.00
100-500	Extended Warranty (additional 12 months)	\$1,000.00

Full payments is required upon order; All prices FOB, Miami, FL.

CODE IRXSTSPECAUG07

Does not include applicable taxes.

Does not include formal training & certification.

Prices subject to change without notice.

7520 NW 54th Street, Miami, Florida 33166 USA

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Specifications

Performance

Detector	Vanadium Oxide (VO _x) Uncooled Microbolometer (160 x 120 pixel array)
Pixel Size	51 µm Square Pixels
Spectral Band	8 µm to 14 µm
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 Transfer	Via RS-232/USB Connection to PC With Supplied Software
Image Review Mode	Review Stored images on Camera Display

Temperature Measurement

Calibrated Temperature Range	0°C to 100°C or 0°C to 250°C (32°F to 212°F or 32°F to 482°F)*
Accuracy	2°C or 2%
Measurement Mode	Center Point Temperature *based on model

Software

Reports	Easy professional customizable report writing
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)
Parameter Controls	Emissivity and Background Temperature

Standard Optics

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

Interfaces

Image Transfer	RS-232/USB
Video Output	RS-170 NTSC

Electrical

Battery	NiCd 12V 2Amp with Estimated 3 Hr. 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	SightView™ Software
Battery Charger	Neck Strap	RS-232 to USB Adapter
Lens Cap	Heavy Duty Carrying Case	Operation Manual

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