



# HOTSHOT<sup>®</sup> B-View™



## Find Hidden Building Defects with HotShot B-View.

HotShot B-View is a new class of infrared camera designed to be easy to use, comfortable to hold and produce outstanding image quality. The HotShot now features an integrated megapixel flash camera that makes it easy to capture both high-quality thermal and visual images simultaneously. HotShot's unique mini-tablet form factor and articulating infrared camera makes it easier to use, and take advantage of the touchscreen built-in data logger. The camera's excellent sensitivity pulls out details in walls, roofs and other typical building points of inspection that property owners will value.

### Key features include:

- <0.1°C sensitivity
- 1.8 lb weight
- 4-hour battery life
- Optional wide angle lens
- Embedded data logger software
- Supports automatic multi-page report generation
- Integrated visible camera option
- Competitive Price
- Designed, Built and Serviced in the US



▲ Visible camera output shown in picture-in-picture mode (1 of 4 modes available)

### HotShot's PocketIR<sup>®</sup> Software Simplifies Infrared Inspections

HotShot is so intuitive to use that a new user can pick one up and begin using the camera within just a few minutes of familiarization. PocketIR, HotShot's in-camera software application, features an icon-based menu that at a single glance, allows you to see nearly all the camera controls. The main screen features a logical display of temperature readouts, status indicators of battery level and large, easy-to-press function buttons.

After completing your inspection simply use ActiveSync<sup>®</sup> to download all your data to ReportIR<sup>™</sup>, our powerful temperature analysis and report generation software application.



#### Easy To Use

HotShot's intuitive user interface, joystick control and icon menu enables anyone to pick up the camera and be productive quickly.



#### Ergonomic Design

The first time you hold HotShot you'll feel the difference. Its design represents a major advance in comfort and usability.



#### Feature Rich, Priced Right

From its advanced analysis tool set to its unique data logging capability to the wide range of current and future options, HotShot is a high-end system with a smart price.



#### Integrated Visible Camera

HotShot's plug-in camera features a megapixel resolution and a built-in flash.



#### Rugged

Qualified in extreme shock and vibration tests, HotShot is constructed of a super tough plastic that won't shatter.



#### Lightweight

HotShot weighs in at only 1.8 lb. Competitive systems weigh up to 3 times more.



#### Long Battery Life

HotShot runs for up to 4 hours on a single battery. Standard batteries deliver cost savings to you.

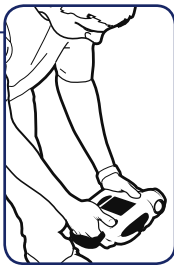


## ERGONOMIC DESIGN

### View Objects at All Different Levels

#### Floor Level<sup>1</sup>

Only HotShot keeps you comfortable whether you crouch to maintain a perpendicular view or stand upright and rotate the IR eyeball down to view objects at floor level.



#### Strike Zone<sup>1</sup>

(belt level)

Every user has a different preference about holding tools. HotShot's infinite position IR eyeball enables you to hold the camera in the most comfortable position for you first and then rotate the camera to point at the object.



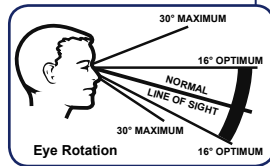
#### Overhead<sup>1</sup>

When viewing overhead objects HotShot's articulating IR eyeball ensures that you maintain line of sight and optimal viewing angle and wrist position.



#### Viewing Angle<sup>2</sup>

While today's LCD displays feature improved viewing angle performance, LCD displays still work best when viewed perpendicular.



<sup>1</sup> Notice viewing angle and grip angle do not change over range of object viewing levels.

<sup>2</sup> Human Factors Specification Mil-Std 1472f

## STANDARD CONFIGURATION

HotShot B-View	Battery Charger
Visible Camera	Operating Manual
Lithium-ion Battery (2)	
Hardside Carrying Case	
AC Adapter	

## ORDERING INFORMATION

Item	Description
914680	HotShot B-View
914630	3X Telephoto Lens
914631	50° Wide Angle Lens
914643	ReportIR™ Multi-page Reporting Software

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## B-VIEW™ SPECIFICATIONS

### Infrared Camera

FoV / Min. Focal Distance	
Standard Lens	25°x 18° / 0.3m
Telephoto Lens (optional)	8°x 6° / 2m
Wide Angle (optional)	50°x 37° / 0.05m
Focus	Motorized
Uncooled Array Type	Advanced Microbolometer
Display Resolution	240x180 pixels
Resolution	2.7 mrad (25° lens) .91 mrad (8.7° lens) 5.4 mrad (50° lens)
Thermal Sensitivity	<0.1°C
Spectral Response	7.5 to 14 microns

### Visible Camera

Resolution	1.3 million pixels
Focus	Manual
Flash	Adjustable

### Image Presentation

Zoom	2X
Palettes	7: 4 color, 3 grayscale
Display	3.5" touchscreen LCD
Brightness	User selectable up to 100 nits
Range and Level Setting	Auto (2 modes) and manual

### Measurement

Object Range	-20°C to 100°C
Accuracy	±2% or ±2°C (whichever greater)
Spot Meters	1
Correction Factors	Emissivity, background, ambient

### Image Recording

Recording Media	Internal memory 64MB
Internal Storage	>500 images
Image Format	12-bit TIFF and JPEG
Image Download	ActiveSync – USB 1.1

### Environmental

Operating Temperature Range	-10°C to 50°C
Storage Temperature	-40°C to 70°C
Enclosure Protection	IP-54, IEC 529
Shock	25G, IEC 68-2-29
Vibration	2G, IEC 68-2-6

### Electrical

Power	7.4V DC, <5W typical
Battery	Li-ion rechargeable camcorder type
Battery Operating Time	4 hours typical
AC Operation	AC adapter 100-260V AC, 50/60Hz

### Physical

Weight (including battery)	1.8 lb
Size	7" x 6" x 2.75" (177x150x69mm)
Tripod Mounting	Standard ¼", 20 TPI



373 Route 46, Fairfield, NJ 07004 973-882-0211 Fax: 973-882-0997 www.electrophysics.com