Product SPECIFICATION SHEET

ACDC DYNAMICS
www.acdc.co.za

COMPACT THERMAL CAMERA

ST-COMPACT



KEY SPECIFICATIONS

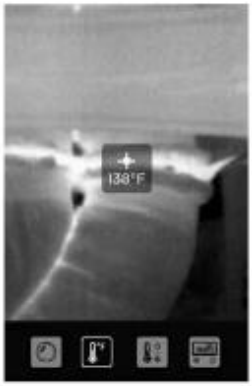
206 X 156 Thermal Sensor	36° Field of View	-40 to 626°F Detection Range	1,000 ft Distance	Waterproof Carrying Case

USER INTERFACE



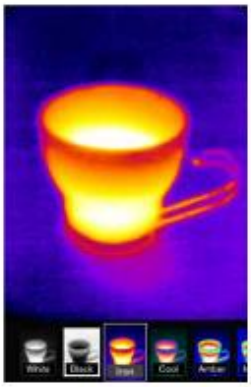
PHOTO & VIDEO

Capture and share thermal photos and videos



THERMOGRAPHY

Display temperature readings in three modes: Spot, Hi/Low, & Threshold



COLOR PALETTES

Customize your experience with a variety of color palettes

KEY FEATURES

Easy to Use Indoor Versatility
Wide, 36° field of view quickly scans the inside of any room

High-Performance Thermal Sensor
206 x 156 thermal sensor accurately identifies areas of heat loss and gain

Best in Class Temperature Range
Measure temperatures from -40° to 626°F (-40° to 330°C)

Customize, Record and Share
Intuitive, free mobile app available on Google Play and iTunes App Store

Focusable Lens for Quick Identification
Aim and focus from 6 inches to 1,000 feet (300 meters) for the sharpest image

Waterproof Case that Protects
Comes with its own waterproof case to withstand the elements

BENEFITS & USES

Connect-and-Detect Convenience
Pocket-sized, highly portable, and easy to use

Easily Monitor Home and Building Efficiency
Quickly spot energy loss and HVAC issues

Accurately Inspect Mechanical and Electrical Equipment
Diagnose and assess the problem source quickly

Work Smarter
Be more efficient by utilizing the power of your smartphone

Time of Day Won't Slow You Down
Safely examine any job site in daylight or total darkness

Easily Document and Share
Record images and video of home inspections for easy documentation

BRANCH CONTACT DETAILS

Johannesburg	010 202 3300
Germiston	011 418 9600
Cape Town	021 510 0710
Pinetown	031 700 4215
Riverhorse	031 492 4800

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TECHNICAL SUMMARY

SPECIFICATIONS	DESCRIPTION
Thermal Sensor	206 x 156
Detection Distance	1,000 Feet (330 Yards, 300 Meters)
Field of View	36 Degree FOV
Temperature Range	-40°F to 626°F (-40°C to 330°C)
Frame Rate	< 9 Hz
Focus	Adjustable Focus
Lens Material	Chalcogenide
Microbolometer	Vanadium Oxide
Pixel Pitch	12 Microns
Spectral Range	7.5 – 14 Microns
User Interface	Free Seek Thermal Mobile App
Temp. Display Scale	Fahrenheit or Celsius
Color Palettes	9 Options
Storage Media	Stores Directly to Smartphone
Battery	Powered by Smartphone. Consumes up to 280 mW
Phone Compatibility	iPhone® and Android™

For support and user guides
visit **support.thermal.com**

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