Product SPECIFICATION SHEET

ACDC DYNAMICS
www.acdc.co.za

COMPACT EXT. RANGE THERMAL CAMERA FOR ANDROID/iPHONE DEVICES

ST-COMPACTXR



KEY SPECIFICATIONS

206 X 156 Thermal Sensor	20° Field of View	-40 to 626°F Detection Range	1,800 ft Distance	Waterproof Carrying Case

USER INTERFACE

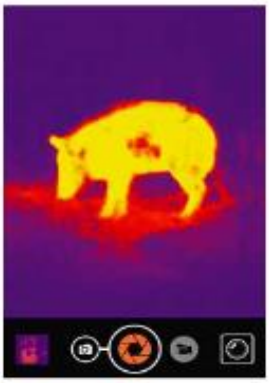


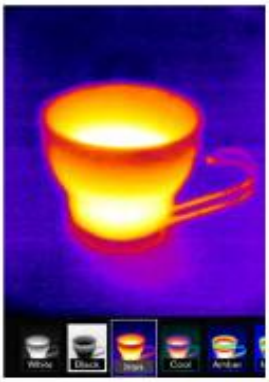
PHOTO & VIDEO

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

Built for Long-Range Detection
Narrow, 20° field of view quickly scans up to 1,800 feet (550 meters)

High-Performance Thermal Sensor
206 x 156 thermal sensor accurately identifies heat signatures

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 1,800 feet 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

Keep An Eye on Things—Even Those You Can't See
It's a lot easier to stay safe when you can see in the dark

Quickly and Accurately Scout Terrain
Day or night, camouflage won't hide a heat signature

Never Lose an Animal
Easily recover and rescue animals

Safeguard Buildings, Land, and Borders
Military-proven surveillance technology on your smartphone

Document your Thermal Discoveries
Record images and video of adventures for easy sharing

BRANCH CONTACT DETAILS

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

NATIONAL CALL CENTRE
Sales 010 202 3400
Technical 010 202 3500
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TECHNICAL SUMMARY

SPECIFICATIONS	DESCRIPTION
Thermal Sensor	206 x 156
Detection Distance	1,800 Feet (600 Yards, 550 Meters)
Field of View	20 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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