

DISCOVER MORE WITH

# CAT<sup>®</sup> S61

THERMAL BY  FLIR<sup>®</sup>



The Cat<sup>®</sup> S61 smartphone is built to be rugged and robust, to take on whatever elements, challenges or tasks you throw at it. It's the upgrade to your Cat S60; bigger, bolder, braver than ever before.

We've taken the integrated thermal imaging camera from the S60 and given it an upgrade. Its enhanced software makes the resolution of thermal images twice as good, it can now read temperatures up to 400°C and it can live stream thermal video back to base. And, there's more. It boasts an indoor air quality sensor to alert you to high levels of indoor air pollutants (VOCs) in your environment and it is the world's first smartphone with integrated laser assisted distance measurement.

Let's not forget its world leading IP68, MIL-Spec 810G rugged credentials – drop proof up to 1.8M onto concrete, waterproof up to 3M for 60 minutes, including salt water, and resilient to all types of dust. Complete with a large capacity 4500mAh battery, this tool is the most advanced, most skilled and most loyal partner you need to get any job done.

## THE ADVANCED TOOL TO HELP GET ANY JOB DONE



### THERMAL IMAGING CAMERA



### INDOOR AIR QUALITY SENSOR:

Capable of measuring temperature, humidity and volatile organic compounds



### LASER ASSISTED DISTANCE MEASUREMENT



### FULLY WATERPROOF:

Waterproof up to 3M for 60 minutes



Underwater 16MP rear camera

8MP front-facing camera



### RUGGED: IP68 AND MIL-SPEC 810G:



Dust proof and drop tested onto concrete from 1.8 metres. Vibration, sand, salt mist and pressure resistant

### OTHER GREAT FEATURES:

- Huge battery (4500 mAh)
- Super bright 5.2" FHD display with Corning<sup>®</sup> Gorilla<sup>®</sup> Glass 5 screen protection
- Optimised for outdoor use with auto wet-finger and glove support\*
- 4GB RAM, 64GB ROM (expandable via microSD<sup>™</sup>)



# TECHNICAL SPECIFICATIONS



## DISPLAY

Super Bright 5.2" Display - FHD (1920 x 1080) IPS, auto switch support and wet-finger / glove-on working technology\*

## DISPLAY COVER

Corning® Gorilla® Glass 5

## MEMORY

64 GB ROM  
4 GB RAM  
(Expandable via microSD™ card)

## PROCESSOR

Qualcomm SD630 Octacore 2.2GHz

## PLATFORM (OPERATING SYSTEM)

Google Android™ Oreo (with upgrade to P)

## MULTIMEDIA

**Audio:** FM Radio, Music Player  
**Video Recording:** 3840 × 2160 at 30 fps  
**Video Playback:** 3840 × 2160 at 30 fps

## DATA SPEED†

**Maximum Downlink Data Rate:** 600Mbps  
**Maximum Uplink Data Rate:** 150Mbps

## HARD KEY

**Side:** Power key, volume (up/down), programmable key,  
**Front:** Home, back, recent app

## SENSORS

Thermal camera (FLIR®)  
Indoor Air Quality Sensor (humidity & temperature)  
E-compass  
Proximity Sensor  
Ambient Light Sensor  
Accelerometer  
Gyroscope  
Location  
Barometer

## DIMENSIONS & WEIGHT

150 x 76 x 13mm  
**Weight:** TBC

## OTHER

LED notification (3 colours)  
**Apps:** AVG, Office Suite, File Commander, App Toolbox

## BEYOND RUGGED

**Ingress Protection (IP68):**  
Sand, dust and dirt resistant  
**Waterproof:** Up to 3M for 60 minutes

**Drop Tested:** Up to 1.8M (6 ft) onto concrete

## MILITARY STANDARDS

**MIL SPEC 810G:**  
Thermal Shock: handles low to high temperature differences between -30°C (-22°F) to 65°C (149°F) for up to 24hrs\*\*  
**Resistant to vibration:** Category 4  
Resistant to humidity and salt mist

## CAMERA

**Main:** 16MP autofocus with PDAF, Dual LED flash  
**Thermal:** FLIR® Lepton  
**Front:** 8MP fixed focus

## BATTERY

**Capacity:** 4500mAh, Quick charge 4.0 compatible  
**Type:** Non removable Lithium Ion  
Standby & talk-time hours TBC

## NETWORK

**EU Version:**  
**4G Bands:**  
1, 2, 3, 5, 7, 8, 19, 20, 26, 28, 38, 39, 40, 41 (EU/ROW);  
1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 25, 26, 28, 29, 66 (Americas)  
**3G Bands:**  
850, 900, 1700, 1900, 2100 (EU/ROW);  
850, 900, A WS, 1900, 2100 (Americas);  
**2G Bands:**  
850, 900, 1800, 1900

## CONNECTIVITY

**Audio Jack:** 3.5mm  
**Bluetooth®:** 5  
**NFC:** Yes (Android Pay™)  
**Wi-Fi®:** 802.11 b/g/n (2.4 & 5GHz)  
**USB:** USB Type C, USB-OTG  
**SIM Type:** Nano SIM (dual and single SIM variants)  
**GPS:** GPS, Glonass, BeiDou (variant dependant), Galileo, QZSS and SBAS + iZat

† Network bands in regions may be different, depending on the mobile operator and your location. Upload and download speeds also depend on the mobile operator. Available storage is less due to phone software. Battery times (talk time, standby time, and more) are based on 3G and are subject to network and phone usage. Note: Specifications are subject to change without prior notice.

\*We cannot guarantee that all gloves will work with this feature.

\*\*Various temperatures and time-cycles tested.

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