

DISCOVER MORE WITH

CAT® S61

THERMAL BY  FLIR®



The Cat® 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



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® Gorilla® Glass 5 screen protection
- Optimised for outdoor use with auto wet-finger and glove support*
- 4GB RAM, 64GB ROM (expandable via microSD™)

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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