

CAT[®] S61

BIGGER. BETTER. BOLDER

Integrated thermal imaging camera FLIR[®]

Locate a heat source up to 400°C, even in complete darkness

Laser assisted distance measure

Safely document measurements and record the layout of an area all in one screen

Indoor air quality monitor

It will alert you to unhealthy levels of indoor air pollutants, like paints and solvents, and provides temperature and humidity readings

Qualcomm SD630 Octacore
Google Android™ 9

Super Bright 5.2" FHD display

Protected by Corning[®] Gorilla[®] Glass 5
Auto switch support and wet-finger / glove-on working technology*



4500mAh

Long lasting battery which supports fast charging

IP68 and IP69K, MIL SPEC 810G

Drop tested, 30 times onto steel from 1.8m (6ft)
Fully dirt and dustproof, waterproof, resistant to vibrations and thermal shocks

**64GB ROM
4GB RAM**

(Expandable via microSD™ card)



THE TOOL TO GET ANY JOB DONE.

The Cat[®] S61 smartphone is built to be rugged and tough, to take on any challenging environment or tasks you throw at it. It's the upgrade to your Cat S60, backed by a powerful 4,500mAh battery; bigger, better, bolder than ever before.

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

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

163 x 78 x 13mm
Weight: 250g

OTHER

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

BEYOND RUGGED

Ingress Protection (IP68 & IP69):

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: 35 hours talk-time, 37 days standby time†

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.

