

# CAT<sup>®</sup> S61

**BIGGER. BETTER. BOLDER**

**Integrated thermal imaging camera FLIR<sup>®</sup>**

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<sup>®</sup> Gorilla<sup>®</sup> 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<sup>®</sup> 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.

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

