**CAT® S62 PRO**

# THE **ULTIMATE** WORK PHONE

### Professional-grade thermal imaging

Powered by the FLIR Lepton 3.5 sensor
Measurable Range: -20°C to 400°C
400% increase in the number
of thermal pixels

### Beyond Rugged:
### IP68 and IP69 and Mil-Spec 810H:

Dustproof and drop proof to 1.8m,
vibration, sand, salt mist
and pressure resistant

### 5.7" FHD+ 18:9 display

Protected by
Corning® Gorilla® Glass 6
Use with gloves or
wet fingers*

### Modern rugged design

Qualcomm Snapdragon 660
Google Android™ 10
(with upgrade to 11)

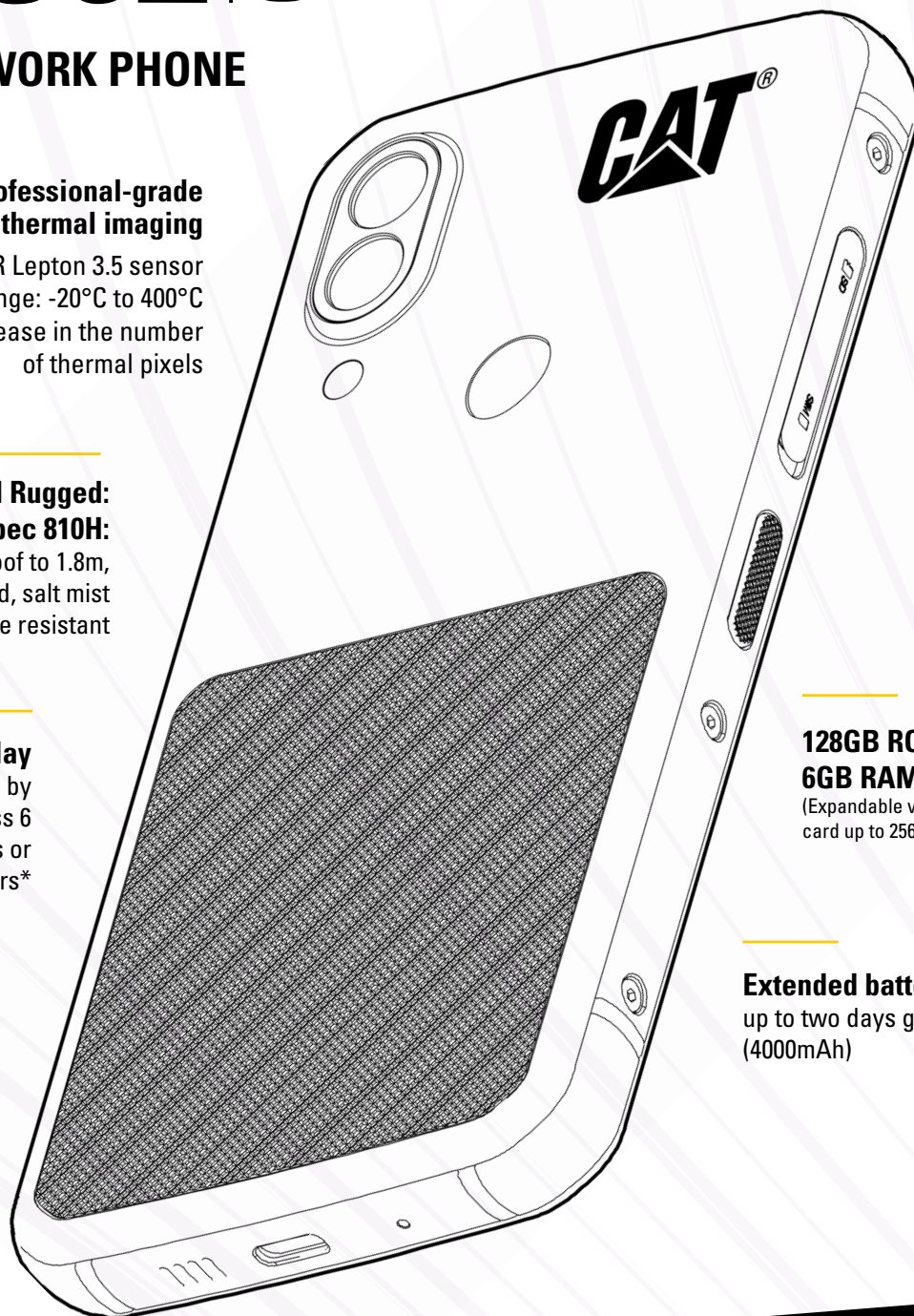### 128GB ROM
### 6GB RAM

(Expandable via microSD™
card up to 256GB)

### Extended battery life

up to two days general use
(4000mAh)

## NEXT GENERATION THERMAL

The Cat® S62 Pro is an advanced tool, providing instant access to professional-grade thermal imaging in a rugged smartphone - always on, always ready.

**The pinnacle of innovation, functional design and rugged durability.**

# TECHNICAL SPECIFICATIONS

**CAT**®

## DIMENSIONS & WEIGHT

**Dimensions:** 158.5 x 76.7 x 11.9mm
**Weight:** 248g

## THERMAL IMAGING

Lepton 3.5 professional grade camera
1440 x 1080 HD output with VividIR
MSX linear overlay from visual cam
Measurable range: -20°C to 400°C

## BEYOND RUGGED

**Ingress Protection IP68 and IP69:** Sand, dust and dirt resistant
**Waterproof:** Up to 1.5m for 35 minutes
**Drop Tested:** Up to 1.8m (6ft) onto steel
**MIL SPEC 810H:** Thermal shock: handles low to high temperature differences between-25°C (-13°F) to 55°C (131°F) for up to 24hrs*

## HYGIENE

Repeated bleach wipe test with 3000cycles
Pressurised alcohol abrasion tests at 500gF/cm2 over hundreds of cycles
Prolonged real world chemical mix exposure and susceptibility testing

## BATTERY

**Capacity:** 4000mAh (supports fast charging)
**Type:** Non removable Lithium Ion
**General Use:** up to 2 days

## DISPLAY

Super Bright 5.7" Display - FHD+ (1080 x 2160) 18:9
TFT LCD, wet finger/glove-on working technology**

## DISPLAY COVER

Corning® Gorilla® Glass 6

## PLATFORM (OS)

Google Android™ 10 (with upgrade to 11)

## PROCESSOR

Qualcomm Snapdragon 660 Octo Core 2.0GHz

## MEMORY

128GB ROM
6GB RAM
Expandable via microSD™ card up to 256GB (1x SIM + 1x microSD / 2x SIM)

## OTHER

Apps: Office Suite, Toolbox, OnGuard Solo

## CAMERA

**Intergrated FLIR thermal camera**
**Rear-facing:** 12MP dual sensor, f/1.8 aperture, large 1.4µm pixel size
**Front-facing:** 8MP sensor

## MULTIMEDIA

**Audio:** music player,
**Video Encoding:** 4K (3840 x 2160 at 30 fps)
**Video Decoding:** 4K (3840 x 2160 at 30 fps)

## NETWORK

**4G LTE CAT 13, VoLTE, VoWiFi, ViLTE**
**LTE Bands:** 1, 2, 3, 4, 5, 7, 8, 20, 28, 38, 40;

## DATA SPEED†

**Maximum Downlink Data Rate:** 400Mbps
**Maximum Uplink Data Rate:** 150Mbps

## CONNECTIVITY

**Bluetooth®:** 5
**NFC:** Yes (Android Pay™)
**Wi-Fi®:** 802.11 a/b/g/n/ac (2.4 & 5GHz)
**USB:** USB 2.0 / Type C USB (waterproof), quick charge 4, USB-OTG
**SIM Type:** Nano SIM, dual and single SIM variants
**GPS:** GPS, AGPS, Glonass, BeiDou (variant dependant), Galileo

## SENSORS

FLIR Thermal Lepton 3.5
Fingerprint
NFC
Proximity
GPS
Ambient Light
Compass
Gyro

## DESIGN FEATURES

Programmable Key with PTT mode
Physical power and volume (up/down) keys
Hard-wearing, non-slip rubberized TPU back
LED notification (3 colours)

## ENTERPRISE

Android Enterprise support (AE test suite, passed)
Zero-touch support
90-day security patches for 2yrs + 1yr ESMR cover
EMM enrolment and key policy provisioning tested with:
VMware Workspace ONE, IBM MaaS 360, SOTI, Mobile Iron

*Various temperatures and time-cycles tested.
**We cannot guarantee that all gloves will work with this feature.

† 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.