

CAT[®] S42



TECHNICAL SPECIFICATIONS



DISPLAY

Super Bright 5.5" Display - HD+ (1440 x 720) 18:9.
IPS LCD, wet finger/glove-on working technology*

DISPLAY COVER

Corning[®] Gorilla[®] Glass 5

MEMORY

32GB ROM
3GB RAM
(Expandable via microSD[™] card up to 128GB)

PROCESSOR

Mediatek Helio A20 MT Quad core

PLATFORM (OS)

Google Android[™] 10

MULTIMEDIA

Audio: FM Radio, music player,
Video Recording: 1080p at 30fps
Video Playback: 1080p at 30fps

DATA SPEED[†]

Maximum Downlink Data Rate: 300Mbps
Maximum Uplink Data Rate: 50Mbps

BEYOND RUGGED

Ingress Protection IP68: Sand, dust and dirt resistant
Waterproof: Up to 1.5m for 35 minutes
Drop Tested: Up to 1.8m (6ft) onto steel
MIL SPEC 810G: Thermal shock: handles low to high temperature differences between -30°C (-22°F) to 75°C (167°F) for up to 30mins*

MULTIMEDIA

Audio: FM Radio, music player,
Video Recording: 1080p at 30fps
Video Playback: 1080p at 30fps

SENSORS

E-compass
Proximity Sensor
Ambient Light Sensor
Accelerometer

CAMERA

Rear-facing:
13MP sensor, f/2.0, PDAF
Front-facing:
5MP sensor

BATTERY

Capacity:
4200mAh (supports fast charging)
Type:
Non removable Lithium Ion

NETWORK

4G Bands:
1, 2, 3, 4, 5, 7, 8, 20, 28;
3G Bands:
1, 2, 4, 5, 8;
2G Bands:
2, 3, 5, 8

CONNECTIVITY

Audio Jack: 3.5mm (waterproof)
Bluetooth[®]: 5
NFC: Yes (Android Pay[™])
Wi-Fi[®]: 802.11 a/b/g/n/ac (2.4 & 5GHz)
USB: USB 2.0 / Micro USB(waterproof), USB-OTG
SIM Type: Nano, dual SIM optional
GPS: GPS, AGPS, Glonass, BeiDou (variant dependant), Galileo

DESIGN FEATURES

Programmable Key with PTT mode
Physical power and volume (up/down) keys
Hard-wearing, non-slip rubberized TPU back
LED notification (2 colours)

OTHER

Apps: Office Suite, File Commander, App Toolbox, OnGuard

*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.



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