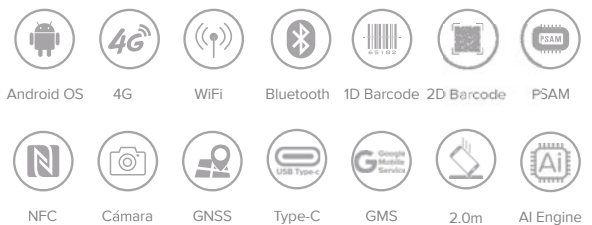




QUALICA-RD 6000

Professional mobile device with RFID, UHF and Barcode reader.



QUALICA-RD 6000 is a terminal with multiple integrated options for excellent performance in all environments. It integrates Android 10.0 OS and advanced processor, easy to use configuration. Multiple reading options including bar scanner, NFC, among others. Long battery life and high resistance for demanding environments. **QUALICA-RD 6000** is the best tool for managing operations in multiple situations.



Specifications

Physical characteristics

Dimensions	157,6 x 73,7 x 29 mm
Weight	292 g
Screen	4" WVGA colour
Touch Panel	Touch panel
Battery	Li-ion battery, extra , 4200mAh Rest : more than 300 hours Continuous use : more than 12 hours (depending environment) Charging time: 3 - 4 h. (with adapter and USB cable)
Card slot	1 SIM card slot, 1 MicroSD or PSAM card slot
Interfaces	USB 2.0, Type-C, OTG
Audio	MIC, RECEIVER, Loudspeaker (0.8W), voice calls
Keyboard	3 TP keys, 3 side keys, numeric keypad
Sensors	Proximity, light, accelerometer,
Vibrator	Admitted

Functioning

Operating System	Android 10.0; GMS, FOTA, SafeUEM supported
CPU	Cortex A-53 2.0 GHz Octa-core
RAM + ROM	3GB + 32GB 2GB + 16GB (optional)
Expansion	Supports up to 128 GB Micro SD card

Communication

WLAN	Supports 802.11 a/b/g/n/ac/d/e/h/i/k/r/v, 2.4G/5G dual-band, IPV4,IPV6, 5G PA; Itinerancia rápida: Caché PMKID, 802.11r, OKC Canales operativos: 2.4G(canal 1*13), 5G(canal 36,38,40,42,44,46,48,52,56,60,64,100,104,108,112,116,120,124,128,132,136,140,149,153,157,161,165, depende de la normativa local Security and Cryptography: WEP,WPA/WPA2-PSK(TKIP and AES),WAPI-PSK-EAP-TTLS,EAP-TLS, PEAP-MSCHAPv2, PEAP-LTS,PEAP-GTC,etc.
WWAN	2G: GSM850/GSM900/DCS1800/PCS1900 3G: CDMA EVDO: BC0 WCDMA: B1/B2/B4/B5/B8 TD-SCDMA: A/F(B34/B39) 4G: B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28A/B28B/B34/B38/B39/B40/B41
WWAN (Other)	Depending on the country
Bluetooth	V2.1+EDR , 3.0+HS and V4.1+HS , BT5.0
GNSS	GPS/AGPS, GLONASS, BeiDou, internal antenna

Developing environment

SDK	Software development kit available
Language	Java
Tool	Eclipse / Android Studio

Usage Environment

Operational Temp.	-20°C a 50°C
Storage temp.	-40°C a 70°C
Humidity	5% - 95% relative humidity (non-condensing)
Drip	Multiples 2 m. Gostas to the paved floor over the entire operating temperature range.
Falls	1000 x 0.5 m at room temperature
Sealing	IP65 according to IEC specifications
ESD	±15 KV (air), ±6 KV (contact)

Data Acquisition

Camera

Camera	13 MP Autofocus with Flash
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Scanner (Optional)

2D Scanner	Zebra SE4710; Honeywell N6603
1D Symbology	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.
2D Symbology	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, código QR, código Micro QR, Aztec, MaxiCode; Códigos postales: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX), etc.

NFC

Frequency	13,56 MHz
Protocol	ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2, etc.
Chips	M1 card (S50, S70), CPU card, NFC tags, etc..
Outreach	2 cm - 4 cm

*The grip gun is optional. NFC and pistol are not compatible.

