QUALICA-RD R3

Desktop UHF Reader.
High-speed & Resistance.

UHF | iOS | Android | Windows | USB

QUALICA-RD R3 is a newly-developed desktop UHF reader. It supports Windows/Android/IOS applications, and allows readings of 50 hit tags at 30 cm distances. Combined with high-efficiency collision processing algorithm, it delivers fast reading and writing of tags and maintains high identification rate as well. And it allows data transmission via Bluetooth, Type C USB.

QUALICA-RD R3 can be deployed in retail collection, logistics, identity verification, smart parking, access control, anti-counterfeiting system, production process control, etc.

Physical Characteristics

Dimensions	318mm×318mm×20mm
Weight	1133g/39.96oz
Port	Type C USB
Power Supply	USB, Type C
Identification Lamp	Power Lamp BT connection status lamp Operating lamp

Developing Environment

Operating System	USB, Android / Windows, SDK Bluetooth, Android / IOS SDK

Communication

Type C USB	USB connection to data transfer
BT	Bluetooth 4.0

User Environment

Operating Temp.	-20 °C a + 60 °C
Storage Temp.	-40 °C a + 70 °C
Humidity	5% - 95 % (non condensing)
Sealing	IP65

UHF

Frequency (custom)	860-960 MHz (custom-design)
Protocol	EPC C1 GEN2 / ISO1800-6C
Frequency	865-868MHz / 920-925MHz 902-928MHz
Output Power	1dBm-30dBm (scaled)
Identification Range	Reading distance 30cm

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