RFID UHF Portable Scanner
IDT RHC71

Designed using Impinj R2000 module

Bluetooth 4.0 BLE

IP 54

Shock Proof

UHF RFID (Impinj R2000)

54689501878

Barcode Optional

IDT RHC71 is a compact lightweight device powered with enterprise-class UHF RFID scanning technology. It is very easy to use and cost-effective. The unique power optimization algorithm delivers the superior battery cycle times that ensure a full shift of power even with intensive usage. Its circular antenna gives a reading range of 3m and its powerful processor makes it the best choice for use in Retail, Construction, ETC, Manufacturing, Transport, Supply Chain Management.

PHYSICAL PARAMETERS

Dimensions	164.2 x 78.8 x 17.0 mm
Weight	288g
Touch Panel	Corning Gorilla Glass, multi-touch panel, gloves and wet hands supported
Display	5.2" IPS FHD 1920 x 1080
Interface	USB 2.0 Type-C, OTG, TypeC headphones supported
Battery	5000 mAh
Alarm	Audio & Visual
Keypad	4 front keys, 1 power key, 2 scan keys, 1 multi-functional key
Sensor	Gravity Sensor, Light Sensor, Proximity Sensor, Vibration Motor

PERFORMANCE

Processor	Cortex-A53 Octa-core 2.5 GHz
Bluetooth	3GB + 32GB / 4GB + 64GB
Memory	Supports up to 128 GB Micro SD card

CAMERA

Rear Camera	13 MP autofocus rear camera with flash
Front Camera	Optional 5 MP front camera

ENVIRONMENTAL SPECIFICATIONS

Temperature	-40°C to +50°C (Operating), -40°C to +50°C (Storage)
Humidity	5% RH - 95% RH non condensing
Sealing	P 65 / IP 67 per IEC sealing specifications
Drop Test	1.8 m drops to the concrete

COMMUNICATION

Bluetooth	Bluetooth v2.1+EDR,3.0+HS,v4.1+HS
WWAN	2G, 3G & 4G
GNSS	GPS/AGPS, GLONASS, BeiDou; internal antenna

UHF RFID

Frequency	865-868 MHz EPC C1 GEN2 / ISO18000-6C
Antenna	Circular polarization (1 dBi)
Power	0.4 W (26 dBm, +16 dBm to +26 dBm adjustable)
R/W Range	Up to 3m
Reading Range	> 200 tags/Sec

HF (OPTIONAL)

Frequency	13.56 MHz ISO14443A/B, ISO15693
Range	3-8 cm

OPTIONAL FEATURE

Barcode	1D & 2D
Fingerprint	Capacitive TCS1/TCS2; Optical Morpho CBM-E3
InfraRed	38 kHz
PSAM	2 Slots for PSAM Cards with ISO 7816 T=0 7 T=1
IRIS	< 150ms

ACCESSORIES

Standard	AC Adaptor, USB Cable, Lanyard.
Optional	Cradle, Holster

ORDER INFORMATION

Part Number	IDT.RH.C71

APPLICATION AREA

Retail   Construction   ETC   Manufacturing Unit   Transport   Supply Chain

ID TECH SOLUTIONS PVT. LTD.

610, Udyog Vihar Phase-5, Gurgaon, Haryana - 122016, INDIA | T. : +91-124 - 4255530 (6 Lines)

E.: info@idsolutionsindia.com | W: www.idsolutionsindia.com