PWS-472 UHF RFID Reader

5" Industrial-Grade Handheld Terminal with ARM® Cortex™-A53 Quad-Core Processor and UHF RFID Reader

Features

- ARM® Cortex™-A53, quad-core, 1.3 GHz processor with Android 5.1
- 5" HD (1280 x 720) capacitive touchscreen
- Communication capabilities includes Wi-Fi, Bluetooth, GPS, and BeiDou
- Built-in 13-megapixel auto-focus camera and 1D/2D barcode scanner
- Long-range UHF RFID capabilities (compatible with EPC C-1 G-2/ISO 18000-6C)
- User-friendly trigger button
- IP54 rated for protection from water and dust
- Wide operating temperature range (-20 ~ 60 °C)

Introduction

PWS-472 UHF RFID reader is designed for wireless long-range data collection. Compliant with EPC C-1 G-2/ISO18000-6C standards, the industrial-grade design is ideal for diverse warehouse, manufacturing, and logistics applications.

Specifications

System	Processor	ARM® Cortex™-A53, quad-core, 1.3 GHz
	Memory	2 GB
	Operating System	Android 5.1
Storage	Flash	16 GB
	SD Card	MicroSD (up to 32 GB)
Display	Type	5" IPS LCD
	Resolution	1280 x 720 HD
	Brightness	350 cd/m²
Touchscreen	Type	Capacitive touch
	Construction	GFF
Multimedia	Speaker	1 x Internal 1W speaker
	Microphone	1 x Internal microphone
Camera	Rear	1 x 13 MP camera with LED flash and auto focus
Sensors		E-compass, g-sensor. light sensor
I/O	I/O Ports	1 x Micro USB 2.0 client (via charging cable) 1 x Standard SIM
	Buttons	1 x Power button 2 x Scanner trigger buttons 4 x Function keys
Wireless Communication	WLAN/Bluetooth	IEEE 802.11 a/b/g/n Bluetooth V4.1 BLE
	UHF RFID	Standard support: EPC C-1 G-2/ISO18000-6C Frenquency range: 840 ~960 MHz Output power: 30dBM
GNSS	Satellite System	GPS, GLONASS, Galileo, and BeiDou
Power System	Voltage Input	5V, 2A
	Battery	3.7V 9600mAH lithium-polymer battery (Non swappable)
Mechanical	Dimensions (W x D x H)	160 x 150 x 80 mm (6.29 x 5.9 x 3.14 in)
	Weight	650 g (1.43 lbs) with battery
Environment	Operating Temperature	-20 ~ 60 °C/-4 ~ 140 °F (0 ~ 40 °C/32 ~ 104 °F when charging)
	Storage Temperature	-30 ~ 70 °C/-22 ~ 158 °F
	IP Rating	IP54
	Certification	By project request

Ordering Information

Part Number	Configuration												
	CPU	LCD	Memory	Storage	Rear CAM	Wi-Fi	BT	GNSS	4G	NFC	UHF RFID	Barcode Scanner	OS
PWS-472-C30E	Cortex-A53	5"	2 GB	16 GB	Yes	Yes	Yes	Yes	N/A	N/A	Yes	Yes (Honeywell N3680)	Android 5.1

The UHF SKU is available upon request.