



Inspection Assistance PD470 with Explosion Proof

Slim and Rugged Combined, Improve Safety and Efficiency

PD470 is industrial-grade Android handheld device. The rugged handheld enables 1.5m drop resistance and IP67 sealing level rate. It has built-in barcode scanners and a physical trigger button. This mobile computing device features multiple worldwide communication modes and has a 4000mAh high-capacity battery. PD470 weighs 243g only. It is slim, rugged, and explosion proof certified, making PD470 suitable for inspection in petrochemical plants, equipment, and construction areas.



Long-working Hours



Barcode Scanning



Explosion Proof



Control Center
(Data Analytics)



Internet / Wi-Fi

Inspection
Dispatch

PD470



Equipment Info
(Data Collection)



CPU	Quad Core ARM Cortex-A53 2.0GHz
OS	Android 9.0
Resolution	1280 x 720
Barcode Scanner	1D, 2D Barcode Reader
Sealing Level Rate	IP67
Battery Capacity	4000 mAh
Operating Temp.	- 15°C to +55°C
Storage Temp.	- 40°C to +70°C
Connectivity	WLAN, WWAN, WPAN, GPS, NFC, Wi-Fi, Bluetooth

PD470

Mobile Computing Device



Features

- Adopting octa-core processor MTK 6762 & Android v8.1 OS
- Embedded 1D/2D barcode reader and physical trigger button
- Ruggedized design with IP67 rating
- World mode communications with 2G/3G/4G
- Implementing fingerprint authentication for security protection
- Precise GPS navigation with barometer integrated
- Lightweight design for everyday use, 243g
- Node-Watch supported to unified manage mobile devices, apps, and contents

Specification

System	Platform	MTK6762	
	CPU	8*Cortex-4*A53 2.0GHz/4*A53 1.5GHz	
	OS	Android 9	
	Dimension (mm)	160 x 76 x 22	
	Weight(g)	253g	
	ROM (eMMC)	16GB (32GB Optional)	
	RAM	2GB (3GB Optional)	
	SD card Capability	Up to 128GB	
WWAN	Barcode Scanner	Honeywell N6603	
		Zebra SE4710	
	2G Network	BC0	BC0
		GSM	GSM Quadband (850/900/1800/1900)
3G Data Speed	GPRS/EDGE Multislot Class	Class 33	
	W-CDMA (UMTS-FDD, UTRA-FDD)	B1/B2/B4/B5/B8	
4G Network	CDMA2000 1xEV-DO Release 0 (TIA/IS-856)	EVDO BCO	
	E-UTRA Bands Supported	US :UMTS/HSPA+ Primary Bands 2/5.LTE Bands :1/2/3/4/5/7/8/12/17/19/20/28A/28B/38/39/40/41	
	4G Data Speed (E-UTRA UE Category)	EU:UMTS / HSPA+ Primary Bands 1/8.LTE Bands 1/2/3/4/5/7/8/12/17/19/20/28A/28B/38/39/40/41	
Input Scheme	SIM / T Card Type	1 x Nano+T Card / 2 x Nano	
	Dual Dedicated Scan Buttons	Yes	
	Dedicated PTT Button	Yes	
	Volume Up/Down Buttons	Yes	
	Power Key	Yes	
Display	Vision Size	5.0" inch	
	Resolution	HD 1280x720	
	Technology	TFT	
	Touch Technology	Capacity	
	Multi-Touch Capability	5 Points	
Brightness(cd/m2)	TP	Corning Gorilla	
		400cd/mw	

Camera	Camera	Front:5.0 Mpxl (FF) Rear: 13 Mpxl (AF)
	Camera Flash	LED
	GPS	Yes
	Glonass	Yes
	Beidou	Yes
	Proximity Sensor	Yes
	Light Sensor	Yes
	E-Compass	Yes
	G-Sensor(Accelerate Sensor)	Yes
	Gyroscope	Yes
Sensors	IRIS Scanner	Optional
	Face ID	Optional
	Fingerprint	Yes
	Battery Capacity	4000mAh
	Charge Time	<4 Hour
	Talking Time	8 Hour
	Quick Charge	QC3.0 or Pump Exp 9V/2A(18w)
	Wi-Fi	802.11 a/b/g/n/ac/r 2.4G+5G
	Bluetooth	BT4.2(BLE HS Compliant)
	USB Capability	USB 2.0 (Hi-Speed)
Connectivity	USB Data Connector	Type-C
	Dock Pin / Dock Capability	Yes
	NFC	Yes
	ESD	±15kV Air Discharge, ±8kV Direct Discharge
Others	Drop	Multiple Drops to Concrete: 1.5m Across the Operating Temperature Range
	Sealing level rate	IP67
	Storage Temp.	-40°C ~ 70°C
	Operating Temp.	-15°C ~ 55°C
	Weight	178g

Ordering Information

Part No.	Description
7404700010051M	PD470 Mobile Computing Device with Zebra SE4710 barcode engine (EU adapter included)
7404700010061M	PD470 Mobile Computing Device with Zebra SE4710 barcode engine (US adapter included)