

Explosion-proof Computer System

WRPAD-K90 Series Explosion-proof Tablet



- ◆ Explosion protection to
 - CENELEC
 - IEC
- ◆ Can be used in
 - Zone 1 and Zone 2

■ Product characteristics

- ◆ This product is a professional explosion-proof tablet with waterproof, compression-resistant, drop-resistant structural design, and with the built-in barometric pressure sensor, e-compass, NFC and other sensors, safety and security for work and travel is greatly increased.



■ Product advantages

Indestructible Quality

- ◆ In order to push the quality of products to the limit, we conduct rigorous physical tests.
- ◆ Its functionality and performance have also been comprehensively evaluated.
- ◆ It is able to withstand the harshest conditions and deliver reliable performance in demanding environments.

Confronting Any Challenges

- ◆ A variety of technical guarantees for security, to provide safe and stable communication services in dangerous environments such as flammable and explosive gases.
- ◆ Easily cope with all kinds of harsh and extreme environments such as special operations, outdoor exploration, extreme sports or emergency rescue.

NFC Seamless Business Operations

- ◆ NFC-enabled products enhance business mobility and connectivity.
- ◆ Verify employee IDs and scan barcodes to make your business truly mobile and linked.

Zones 1&2

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Technical data	
Explosion-proof Tablet	WRPAD-K90
Explosion protection	
Global (IECEx)	IECEx (applied for)
Gas	Ex ib IIC T4 Gb
Europe (ATEX)	ATEX (applied for)
Gas	Ex II 2 G Ex ib IIC T4 Gb
Certificates	IECEx; ATEX
Conformity to standards	EN IEC 60079-0, EN 60079-11, IEC 60079-0, IEC 60079-11
Processor	8 x MT8781 2.2GHz
Operating system	Android 13
Cellular models	GSM/WCDMA/CDMA/TDD-LTE/FDD-LTE
Frequency bands	
GSM	B2/3/5/8
WCDMA	B1/2/4/5/6/8/19
CDMA	BC0/BC1/BC10
FDD-LTE	B1/2/3/4/5/7/8/12/13/17/18/19/20/25/26/28A/28B/66
TDD-LTE	B34/38/39/40/41
SIM card	SIM card, Nano SIM card, T card; hot-pluggable, dual standby
Display	11 inch FHD with IPS 1200*2000
Camera	Front camera 1600W pixels, rear camera 4800W pixels with one flashing light
Face ID	Provided
RAM+Data memory	8GB+256GB; TF could be extended to 256GB(Max. 2 TB)
Battery	Lithium-polymer battery (4.4V high voltage cell)
Dimensions	277.8×178×14mm
Weight	1008g
Color	Black+yellow
Degree of protection	IP68
Ambient temperature	-40°C~+60°C
Touchscreen	Capacitive 10 points touch screen, can be operated with gloves and stylus
Speakers	1326 dual box speakers
Microphone	Silicon microphone
Charging	Type-C USB 2.0
Bluetooth	BT 5.2
WLAN	WIFI(2.4G/5G)/WIFI 6
GPS sensor	GPS+GLONASS+BDS+Galileo
Sensor	Light sensor, acceleration sensor, gravity sensor, gyroscope, geomagnetic sensor, barometric pressure sensor, electricity meter, pedometer
Touch ID	Provided
OTG connect	Provided
FM transmission	Provided
POC cellular	Global POC public network intercom, Fast and convenient communication in distance (single call, group call, broadcast, one call and multiple responses) POC public network intercom, preset POC key for public network intercom

