



PB33 Portable Command & Dispatch Platform Box

- Rugged Protective Structure**
- 2 Watt Transmit Power**
- 5 Seconds Quick Setup Time**
- LTE Routing Supported**
- Super Large Capacity Battery**
- AES128/256 Security Protection**
- 20KM Ground Open Area Transmission Distance**

SPECIFICATIONS

Wireless	
Frequency Range	1428 ~ 1448MHz
Bandwidth	5M / 10M / 20MHz
Transmission System	COFDM
Modulation Mode	BPSK / QPSK / 16QAM / 64QAM (Self-Adaption)
Data Rate	90Mbps@20MHz (Peak)
RF Power	2W
Receive Sensitivity	-97dBm@1MHz

Interface	
RF Antenna	N Type Female × 2
LTE Antenna	SMA
WIFI Antenna	SMA
Ethernet Interface	RJ45 Aviation Connector × 2
SIM Slot	Nano SIM Card Slot
Audio Interface	Aviation Connector or Mic In + Line Out
USB Port	USB 2.0 × 2
HDMI	Support

System	
CPU	Intel Core i7
Memory	16GB RAM + 240GB SSD
Operation System	Windows 11 64bit
Display	17-inch HD LCD Screen
Human Interface	Embedded Keypad & Mouse
LTE Routing	Customize if need
Video Input	Ethernet or HDMI
Audio Input	Remote Microphone or Earpiece
Audio Output	Speaker or Line Out
Security	AES128/256 Encryption
Battery Capacity	10Ah Removable Lithium Battery
Power Supply	DC14.8V Power Supply

Networking	
Networking Capability	≥ 52 Nodes
Networking Hops	> 10 Hops
Access Time	5s after Startup of System
Topology Type	Ad-Hoc Network, Star Network, Chain Network

Physical	
Dimension	≤ 525 × 437 × 213mm
Weight	≤ 14.8kg (with Battery)
Protection Level	IP65
Operating Temperature	-20°C ~ +55°C

ACCESSORIES



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