

ED-CSE iCase -- Communication Supporting Equipment

Introduction

When emergency strikes, be it a building on fire, a flooded street, mass shooting, perimeter mission or hiking in the wild, it is essential that the affected parties establishes situational awareness, communications and control at the quickest time possible.

ED-CSE iCase is an integrated equipment for emergency communication, positioning and provides you a "mobile office" when you are in a complex emergency environment. The iCase can also be used in various operational occasions such as firefighting, force safety, border security, forest fireproofing, oil field protection, and wharf monitoring.



Features

- Lightweight and rugged structure with carbon-kevlar hybrid fabric material ensures outstanding suitability to mobile mission and harsh environment
- Multi-functional design which can be adapted to various applications and complex scenarios
- Mobile office capability provides emergency communication, control and command on-the-go



Specifications

Structure	Portable foldable suitcases
Opening Angle	0°~ 110°
Size	≤ 380mm×280mm×142mm
Material	Carbon-Kevlar Hybrid Fabric
Weight	≤ 7.5kg
Display Parameter	Type: capacitive touch screen Screen: 10.1-inch display screen Resolution: 1920×1200
Operating System	Android
Interactive Mode	Pressure Levels Stylus Mini wireless BT keyboard
Hardware Configuration	Processor: Kirin 659 System memory: 3GB Storage capacity: 32GB
Communication Frequency	2G: CDMA 800 2G: GSM 900/1800/1900 3G: CDMA EVDO 800 3G: WCDMA 850/900/1700/1900/2100 3G: TD-SCDMA 1900/2000 4G: TD-LTE B38/39/40/41 4G: FDD-LTE B1/2/3/4/5/7/8/12
Multi-functional Printer	Fax: PSTN fax Paper Size: 210mm×297mm (W×L) Paper Thickness: 0.08~0.12mm (best option of 0.1mm) Printing Method: TPH Image Quality: 64-bit grayscale Picture Time: 10 years File Formats: JPG/JPEG/BMP/ PDF Printing Speed: ≈3pieces/min
Satellite Communications	TianTong-1 Satellite
Bluetooth	BT 4.0
WIFI	Yes
Wireless AP	Yes
Rated Power	≤ 50W
Battery Capacity	≥ 20000mAh
Battery Indication	LED Indication
Solar Panel	≥ 18W

Input voltage	AC: 220 (1±15%)V Frequency: 50 (1±5%) Hz DC: 12~32V, ±10%
Output Voltage	DC/5V
Interfaces	- USB 2.0 ×1 - RJ11 ×1 - Power interface - RJ45 ×1
Operating Time	≥ 8hours
Stand-by Time	≥ 240hours

Environment

Temperature:	Working temperature: -20°C~+50°C Storage temperature: -40°C~+70°C
Humidity:	Working Condition: 40°C with 95% humidity Storage Condition: 60°C with 98% humidity
Altitude:	Normal operation at 3500m (multi-functional device not included)
IP Rating:	IP65
Accessories:	Solar energy charge pack, mini wireless BT keyboard, press level stylus, thermal paper, vehicle charging cable, AC cable, RJ11 cable

Applications

- Fire Fighting
- Flood Protection
- Force Safety
- Oil Field Protection
- Maritime Security
- Outdoor Extreme Sports
- Power Lines Repair
- Wharf Monitoring
- Railway Maintenance
- Archaeological Activity