

E-center

On-site Command and Dispatch Center

Portable dispatch and command center

E-center is a portable device to provide command and dispatch services in the field. Without relying on any infrastructure, the E-center is easily deployed and works independently.

Triple screen

The triple-screen design allows to view map, video and dispatch interface clearly, know on-site situation directly and perform dispatching in time.

Command and dispatch

With the E-center, the positions of the task forces can be identified and optimally coordinated. It also has a fully-fledged DMR call station to communicate with the task forces.

Multiple power supply

Besides to a utility power generator, the E-center has a 12 V_{DC} vehicle power supply to be owered from a vehicle. In addition backup batteries can be plugges in, which enables the E-center to operate up to two hours.



Technical Data E-center

General data	
Battery voltage	14.8 V (rated)
Adapter	Input: 90 – 264 V _{AC} / 12 – 36 V _{DC} Output: 11.4 – 16.8 V _{DC}
Battery capacity	185 Wh
Power consumption	Standby: < 5 W Working: < 100 W
Charging time	3 hours
Battery life	2 hours
CPU (for the client)	Intel i7-6600, 2.6 GHz Memory 16 GB, Hard disk 256 GB (supports up to 2 TB)
LCD display	1920 × 1080, three 15.6 inch
HDMI	Input: max 1920 × 1080, 1 channel Output: max 3840 × 2160 at 60 Hz, 1 channel
Video operating lever	three axes (control remote camera)
Audio input	Built-in mic, palm-microphone, external mic
Audio output	Built-in loudspeaker, external head- phone
Wireless communication	One channel for GSM, 3G/4G and wifi respectively
USB ports	four USB 3.0
Ergonomics input	Full function keypad and touch board mouse
Ethernet port	WAN: 10/100 M self-adjustable x1 LAN: 10/100/1000 M self-adjustable x8
Poe	802.3
Dimensions (H × W × D)	485 × 356 × 160 mm (without handle)
Weight	13.2 kg

Environmental conditions	
Operating temperature range	-10 °C to +50 °C
Storage temperature range	-20 °C to +60 °C
Humidity	20% to 85%

GSM	
Frequency range	850 MHz 900 MHz 1800 MHz 1900 MHz
Standard compliance	GSM

3G/4G	
Standard compliance	LTE FDD, LTE TDD, EVDO, TD-SCDMA, CDMA1X, EDGE/GPRS
Theoretical bandwidth	LTE FDD: DL 100 Mbps, UL 50 Mbps LTE TDD: DL 61 Mbps, UL 18 Mbps DC-HSPA+: DL 42 Mbps, UL 5.76 Mbps TD-HSPA+: DL 4.2 Mbps, UL 2.2 Mbps EVDO Rev. A: DL 3.1 Mbps, UL 1.8 Mbps

All technical information was determined at the factory and in accordance with the corresponding standards. Subject to change on the basis of continuous development.



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