AKHTER COMPUTERS

OpCIS

Akhter's FieldOpCIS, is a rugged, mobile portable and rechargeable system used to manage tactical and operational communications and data in the armed forces. It deals with mission-specific command, control, and communication infrastructures deployed during active operations.

Product Description

Mini-CATAPAN for high-grade network encryption
Starlink Satellite communication
Built in Wi-Fi option
USB C 45W charging ports
1GB RJ45 ethernet port
Cisco IR1101 Router
Battery or AC (universal) power
Built-in 600Wh LiFePO4 Battery
Portable, Rugged IP65 rated design







OPERATIONAL COMMUNICATIONS AND INFORMATION SYSTEM (OpCIS)

Part Numbers	Product Description
AKHFieldOpCIS-02	Akhter FieldOpCIS with Cisco IR1101 Router

Communications

Mini-CATAPAN	**Removable, for high-grade network encryption**
RUT 901	**4G LTE Cat 4 cellular router + Wi-Fi 4 (802.11 b/g/n)**
External Antenna	**2 x SMA Mobile, 2 x RP-SMA Wi-Fi**
Satellite	**Starlink High speed internet coms**

Additional Ports

Ethernet	**4 x 1GB RJ45**
USB C	**4 x 45W USB C**
Antenna	**2 x SMA Mobile**
Power	**AC Mains On/OFF**
Starlink	**Starlink Power and Data**
DC	**DC fast charging port**

System Power (Battery / Mains)

Built-in Battery charger	**28V 600Wh LiFePO4**
Built-in battery charger	**10A Fast charge**
Battery display	**Battery status display**
Charging Time	**3 Hours**
Power Input	**90-240V AC, universal input**

Environment

System Housing	**Rugged Case IP65**
Humidity	**5% to 95% Relative Humidity (Non-condensing)**
Operating Temperature	**-10°C to +50°C**
Storage Temperature	**-15°C to +60°C**

Physical

Dimensions (D x W x H) mm	**400 x 500 x 220**
Net Weight (Kgs)	**15**