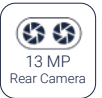


Rugged Smartphone  
**ATEX E50AT**

Explosion proof design for Petrochemical  
and Electric Utility Industry



**Features**

Android 11

5" HD display

Push to Talk  
(Max 5km)

5100mA Battery

Thermal camera (optional)

IP67 / 1,5 m drops

ATEX ic IIC T5 Gc and TS

Smartphone



Walkie-talkie



Thermal imager



# Specifications

<b>Platform</b>	CPU OS	MediaTek MT8768, Octa-core 2GHz Chipset Android 11
<b>Display</b>	Size Resolution Brughtness (cd/m <sup>2</sup> )	5" HD 1280*720 500
<b>Memory &amp; Storage</b>	ROM RAM Expandable memory	64GB 4GB Micro SDIO 3.0 protocol (Up to 128 GB)
<b>Camera</b>	Rear camera Front camera Thermal camera	13MP OIS AF and Flash 5MP 80 60 Pixel, scene dynamic range -10°C to 140°C Radiometric accuracy: Greater of + - 5°C or 5% (typical)
<b>Audio</b>	Vibrator Connector	Yes Headphone jack
<b>Wireless</b>	WiFi 4G  GPS Walkie talkie BT RFID/NFC	802.11 a/b/g/n/ac UMTS/HSPA+ Primary Bands 1/8 LTE bands 1/2/3/4/5/7/8/12/17/19/20/28A/28A/38/39/40/41 GPS+GLONASS+Beidou 136-174 Mhz, 220-260 Mhz; 350-390 Mhz, 400-480 Mhz Class 1, BT 5.0 (BLE) ISO 14443 Type A/B and ISO 15693
<b>Connectors</b>	Ear Jack USB OTG Cradle interface SIM	3.5mm Micro USB Yes Pogo pins 2 micro SIM
<b>Keys</b>	10 keys	Power / + / - / SOS / UD1 / UD2 / UL / REC / CAM / PTT
<b>Function</b>	Torch PTT Aimer PTI	Yes Yes Yes Ready
<b>Battery</b>	Battery capacity  Talk Time Standby Time	Removable 5 100mAh, Built-in battery, support 5V 2A charging 29h 288h
<b>Dimension</b>	Size  Weight	181,7 x 87,2 x 30,9 mm / 247,7 x 87,2 x 30,9 mm with antenna 531g
<b>Power</b>	Charging time Using time	Up to 4 hours 8 to 10 hours
<b>Rugged</b>	IP Drop Operating temperature ATEX	IP67 1,5 m -10°C to +55°C ATEX ic IIC T5 Gc, TS, IECEx ic IIC T5 Gc, NEC

# Accessories

The ATEX E50AT box include the snap on charger, a battery pack, an USB cable, a handstrap, an USB power adaptor and a LCD protection applied.



**Desktop cradle**

P/N : AT-CAE50AT01



**Snap on charger**

(include with the E50AT)

P/N : AT-CAE50AT04