



The Mobile X is a light and robust, dust and waterproof industrial mobile phone with the latest hardware and Android operating system. It is ideal for use in extremely tough conditions because it has been tested under military standards. The lone worker protection function and an inbuilt LED torch, as well as the excellent hands-free function, complete the package. Other useful features include the dual Micro SIM and the expandable memory with MicroSD card. Simple operation and long battery life deliver ultimate convenience, while camera and push-to-talk offer practical advantages in daily use.

Explosion protection

Marking ATEX	II 2G Ex ib IIC T4 Gb II 2D Ex ib IIIC T135°C Db IP 6X
Certification	EPS 16 ATEX 1 144 X
Marking IECEx	Ex ib IIC T4 Gb Ex ib IIIC T135°C Db IP 6X
Certification	IECEX EPS 16.0060X
Marking CSA (Northern America)	Class I Div. 1 Groups A, B, C and D T4 Class II Div. 1 Groups E, F, G T135 °C
Certification	applied for
Other approvals and certificates, see www.bartec.de	

Technical data

Dimensions	63 mm x 140 mm x 26 mm
Weight	240 g
Display	2.4" (6.1 cm), scratch resistant
Shocks, vibrations, falls, temperature and vibration	according to MIL-STD-8106
Resolution	240 x 320 pixel
Operating temperature range	-20 °C to +60 °C
Protection class (EN/IEC 60529)	IP 68
Camera	2 MP (rear)
Flashlight	LED, integrated and efficient
Sensors	G-Sensor, magnetic sensor, gyroscope
Operating system	Android
Processor	MT6572M (1.3 GHz)
Data and working memory	4 GB ROM and 512 MB RAM
Slots	Micro SIM MicroSD memory expandable to 32 GB
Battery	1900 mAh
Wireless communication	WLAN IEEE 802.11 b/g/n Bluetooth Version 4.0 GPS integrated
Communication	SMS, MMS, E-Mail (POP3, IMAP, Microsoft™ Exchange)
NFC	Near Field Communication Integrated modes: read/write, peer-to-peer
Buttons	SOS button, push-to-talk button

Scope of delivery	Mobile X Battery USB charging adapter USB cable with i.safe PROTECTOR Headset Screwdriver Quick start guide and safety instructions
Optional accessories	Charger USB charging adapter Leather holster incl. belt clip Belt clip Screen protector

Mobile standards/frequencies

Frequency (MHz)	supported		Band
	(2G) GSM	3G/WCDMA	
850	Yes	No	5
900	Yes	Yes	8
1800	Yes	No	3
1900	Yes	Yes	2
2100	No	Yes	1

Ordering information

Mobile X with 2 MP camera (Zone 1/21)	17-S113-11000000
Mobile X with 2 MP camera (Div 1)	17-S111-11000000
Mobile X NC without 2 MP camera (Zone 1/21)	17-S113-10000000
Mobile X NC without 2 MP camera (Div 1)	17-S111-10000000