



XmarX

Locate. Alert. Message.

All the space you need

Never eXposed



When your people go into hostile or dangerous situations, their safety and your peace of mind depend on the equipment they carry. That's why you need to protect them with **XmarX**, the ultimate hand-held global tracking device from Paradigm, the world's leading experts in military satellite communications.

Weighing in at just 305g, XmarX is small yet exceptionally rugged. Using Iridium SBD communications and GPS, it's a hand-held guarantee of instant contact, pinpoint tracking and totally reliable two-way communication, anywhere on earth.

With AES (256) encryption for maximum security, XmarX provides a range of potentially life-saving key functions.

Users can:

- Send instant alerts in an emergency, using a "one button" feature
- Send configurable pre-set messages, saving time in an emergency situation
- Receive messages via the simple menu structure, allowing alerts to be acknowledged and confirmed

In addition, XmarX's Bluetooth and USB communications allow pairing with remote sensors such as medical and mapping devices, as well as with smart-phone Apps specific to the user and mission.

AT A GLANCE

- Alert, position and two-way messaging
- AES 256 encryption of message and position for maximum security
- Exceptionally rugged
- MIL-STD-810G for temperature vibration and shock
- Bluetooth – 10m range (can be disabled)
- Mini USB for data and charging
- Long battery life (~2000 reports)
- Multiple alert feature
- Over-the-air reconfiguration
- Tracking mode with periodic position reporting

XmarX: technically speaking

PHYSICAL PROPERTIES

Dimensions	193 x 75 x 35mm
(L x W x H)	(145 x 75 x 35mm excluding antenna)
Weight	305g
I/O	USB
Certification	CE & FCC
Screen	High contrast 26 x 35mm OLED

ENVIRONMENTAL PROPERTIES

Storage temperature	-40°C to 85°C
Operating temperature	-30°C to 60°C
Operating environment	≤ 75% RH
Environmental certification	MIL-STD-810G for shock vibration and temperature. IP67 – sealed against dust and water ingress to immersion of 1m

POWER

Input voltage	5V
Power consumption	Tx/Rx: 8W max
Battery	Li-pol cells, 5.3Ah
Power I/O	Mini USB
Lifetime	Typically 2000 reports. Providing several days use

COMMUNICATION

Iridium modem	9602 Short Burst Data transceiver
Bluetooth	10m range (can be disabled)

GPS

GPS receiver type	SiRFstarIV
Update rate	1Hz
Time to first fix	Hot start < 1s, Warm Start < 35s, Cold Start < 35s
GPS sensitivity	-163dBm

FEATURES

Encryption	AES (256)
Alert types	Single button, countdown, timer, USB, Bluetooth, deadman's switch
Messaging	Two-way communication
Text messages	Ability to select from pre-set messages and free text
Configuration	Over-the-air configuration of selected parameters

eXperience XmarX for yourself paradigmservices.com/xmarx

Paradigm

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