






# SONIM XP3340 SENTINEL

**3** COMPREHENSIVE  
3-YEAR WARRANTY



-  **LONE WORKER APPLICATION WITH PROFESSIONAL GPS**  
3 Dedicated colour coded keys
-  **MAN DOWN FUNCTION**  
3 Axis accelerometer
-  **SONIM RUGGED PERFORMANCE STANDARDS CERTIFIED (RPS)**  
Tested and proven rugged
-  **IP-68 SUBMERSIBLE TO 2 METERS FOR 1 HOUR IN WATER**  
Protected against damage from rain, fog, and salt air
-  **BEYOND MIL SPEC-810G DROP TEST**  
Withstands 2 meter drops onto concrete
-  **SCREEN TOUGHNESS**  
Corning® Gorilla® Glass for extreme shock & scratch resistance
-  **LONG BATTERY LIFE**  
Up to 29 Hrs of GPS Tracking
-  **NOISE CANCELLATION**  
Omni-directional microphone with noise cancellation
-  **IP-68 IMPERVIOUS TO DUST AND MICRO-PARTICLES**  
Non-porous casing blocks entry of micro-particles
-  **ACCESSIBLE KEYPAD**  
Widely spaced keys for ease of use with gloved hands
-  **GEOFENCING**  
Alerts when crossing zone boundaries
-  **3-YEAR COMPREHENSIVE WARRANTY**  
Also covers accidental damage

## EXTREME RELIABILITY FOR LIFE-SAVING LONE WORKER SAFETY

Built for Life – the Sonim XP3340 Sentinel is the ultimate loneworker workforce critical solution that, together with leading lone worker specialists, provides an ultra rugged end-to-end safety solution that also includes an emergency response call center and uses the voice and data capabilities of a mobile network operator. Custom-designed for vertical markets especially security guards, facilities management personnel and traffic wardens, the XP3340 Sentinel will keep remote workers safe while in isolated and hazardous environments.

The Sonim XP3340 Sentinel includes advanced and highly configurable man-down accelerometer technology. Configured over-the-air by the partner monitoring server to match the end user's specific work scenario, the man-down sensor is capable of detecting impact, free-fall, prolonged tilt and no-movement at various thresholds; field proven to detect specific risk events whilst minimizing false alarms. Fully configurable dedicated amber and green buttons enable the key safety functions such as requesting enhanced monitoring, sending a GPS location or call the Emergency Response Center.

The phone also enhances safety by enabling calls under the worst conditions. With strong antenna performance, the industry's longest battery life of up to 29 hours of GPS tracking time, the Sonim XP3340 SENTINEL easily supports 16 hour shifts with GPS and 5 hours of talk time. With an active noise cancelling microphone, and loud audio with a 23mm speaker, protected by a GORE® protective vent, life-saving communications aren't disrupted. The Sonim XP3340 Sentinel is fully water submersible (IP-68 rated) MIL-810G certified and boasts enhanced usability with widely-spaced keys for ease of use with gloved hands and a higher resolution display with good outdoor visibility which also contribute to dependability that saves lives.

Backed by Sonim's industry-leading 3-Year Comprehensive Warranty, the Sonim XP3340 Sentinel will keep you safe and connected – no matter where you are at all times

# TECHNICAL SPECIFICATIONS

## SONIM XP3340 SENTINEL

### RUGGEDIZATION

- IP-68 certification, submersible to 2 meters for 1 hour
- External speaker protected by a waterproof GORE™ Protective Vents
- MIL-810G certification for salt, fog, humidity, transport shock, and thermal shock
- Hardened rubber molded to Fiberglass casing mix by dual injection
- Rated to 2 meter drop onto concrete from any angle
- Vibration protection from 5Hz to 500Hz and shock resistant up to 4G
- Non-porous casing blocks entry of dust and micro-particles
- Operational range -20°C to +55°C
- Shock & scratch resistant 1.5mm thick Corning® Gorilla® Glass screen
- Widely spaced keys for ease of use with gloved hands
- Impact resistant up to 5J on housing and 2J of impact energy on screen (equivalent of a 4 meter drop of a 50g steel ball on the display)

### KEY FEATURES

- Sophisticated man down sensor (3 axis accelerometer, configurable with 4 states) to minimize false alarms
- High GPS performance with faster position fixes, high accuracy & sensitivity
- 2 inch bright (typ. 280cd/m<sup>2</sup>) high-resolution display for high visibility
- Noise cancelling microphone
- A-GPS (SUPL support)
- JAVA MIDP 2.0/CLDC 1.1 device
- 2 MP camera with LED Flash
- LED torch light
- MicroSD card slot (up to 16 GB card)
- FM Radio
- Media Player

### CORE PLATFORM/FUNCTIONS

- MediaTek MT6235 platform
- GSM quad-band (850,900, 1800,1900 MHz)
- GPRS, EDGE class 12
- Bluetooth (2.1) with DUN, SPP, HSP, HFP, OPP, PBAP
- WAP 2.0 (XHTML)
- SMS, MMS (text, image, audio, video) - up to 3000 messages
- PC Tools, for contact and calendar synchronisation with MS Office
- Support for up to 21 languages

### BATTERY

- 1750 mAh with 20 to 24 Hrs Talk Time, over 800 Hrs Standby Time
- Lone Worker: up to 29 hours for GPS tracking

### PHYSICAL CHARACTERISTICS

- Size: 126mm x 60mm x 25mm
- Weight: 185 grams
- GCF/CE certifications
- 7 soft keys/10 programmable short-cuts
- 3.5mm waterproof headset and USB data ports (proprietary cable)
- Dedicated volume keys

### AUDIO SYSTEM

- One single 23mm diameter water resistant speaker specially designed for higher volume transmission and reception
- Omni-directional microphone with noise cancellation
- Max audio output: up to 100dB

### MULTIMEDIA

- Audio Formats:
- MP3
  - AAC
  - WAV
- Video Formats:
- 3gp
  - MPEG4 (simple profile)

### DISPLAY

- 2 inch, QVGA 240x320 resolution
- 30x40mm for display bar + 10 rows of data

### LONE WORKER APPLICATION

- 4 highly configurable states
  - **Simple:** sends configurable heartbeat messages and waits for manual alarm via long press of red side key
  - **Tracking:** sends GPS position on configurable intervals. Under 40 sec TTFF in good GPS conditions
  - **Man down:** monitors accelerometer for man down events, sends alerts to server
  - **Alarm:** sends current position to monitoring centre, calls Emergency Response Centre (ERC)
- Meets the lone worker device requirements of BS8484 (UK) and DIN 0825-11 (Germany)
- Configuration over the air, via Java application or via Bluetooth from a PC
- Secure communications with server using encrypted EDGE/GPRS/XML or SMS
- Lone worker alarms take priority over incoming GSM calls that are not from an ERC number
- Ability to auto-answer ERC calls to the speaker phone
- High priority alarms override other ringing tones
- Geofencing: entry/exit alerts. Up to 10 circular or rectangular zones

### STANDARD ACCESSORIES

- Electrical wall charger
- Belt clip
- Screwdriver
- Stereo wired headset
- USB cable
- 3.5 mm USB adaptor

### OPTIONAL ACCESSORIES

- Car charger
- Rugged belt clip

### THIRD PARTY BLUETOOTH ACCESSORIES

- Bluetooth headsets:

Sony Ericsson:	Motorola:
HBH-GV435	H350, H500
HBH-GV435a	Jawbone
HBH-PV703	Jabra:
Plantronics:	BT 5020
370, Voyager 510	JX10
Voyager 520	Bluetrek X3
Nokia:	
BH100, BH 900,	Invisio G5
H-803, BH 209	Sennheiser VMX 100
Samsung WEP 200	LG HBM – 310
	Plantronics 590
- Bluetooth Carkits:

Parrot:	Jabra SP5050
CK3100, NOMAD	Motorola T305
Blue Ant	
Sony Ericsson HCB-120	