














# SONIM XP2.10 SPIRIT

**3** COMPREHENSIVE  
3-YEAR WARRANTY



-  **TESTED AND PROVEN RUGGED**  
IP-67 rating/MIL-810G certified
-  **SUBMERSIBLE TO 1METRE FOR 30 MIN IN WATER**  
Protected against damage from rain, fog and salt air
-  **IMPERVIOUS TO DUST AND MICRO-PARTICLES**  
Non-porous casing blocks entry of micro-particles
-  **IMPACT PROOF**  
Octagonal-shaped shell withstands 2m drops on concrete
-  **RESISTANT TO SHOCKS AND VIBRATION**  
Built to withstand random vibrations up to 4G
-  **READY FOR EXTREME TEMPERATURES**  
Works in environments ranging from -20°C to +55°C
-  **TOUGH MATERIALS**  
Dual injected shell (hardened rubber, fiberglass & nylon)  
Magnesium core
-  **DURABLE MECHANICS**  
Keypad buttons tested to 850,000 pushes
-  **LOUD AUDIO**  
Protected by a GORE-TEX cover
-  **SCREEN TOUGHNESS**  
Scratch and shock resistant  
1.5 mm thick Gorilla Glass lens
-  **MULTIMEDIA PLAYER**  
Video and MP3
-  **RUGGED 3MP CAMERA**  
3 MP still and video protected by Gorilla Glass
-  **3** 3-YEAR COMPREHENSIVE WARRANTY

## EXPERIENCE THE SONIM XP2 SPIRIT™

For the Sonim XP2 Spirit, rugged is just the beginning - because those who work and play in extreme environments shouldn't have to compromise functionality for toughness. In fact, the feature-enhanced XP2 Spirit is more than just the next-generation rugged 3G phone - it's a rugged work of art.

The Sonim XP2 Spirit seamlessly blends form and function. Experience a tough phone that also boasts a suite of JAVA applications and a multimedia player you can listen to through a GORE-TEX-covered speaker. Capture your adventures with a 3 MP camera or video camera; then view them on a 2" hi-res display that is protected behind 1.5 mm of Gorilla glass. To ensure the XP2 Spirit is as rugged as ever both inside and out, we give it a dense magnesium core secured with 8 internal screws. A smartly engineered waterproof octagonal-shaped shell, made from hardened rubber, fiberglass and nylon, helps protect the phone against drops.

In short, this phone was created to live and play in extreme environments. The Sonim XP2 Spirit follows in a long tradition of Sonim phones: Built For Life, water submersible, MIL-810G certified and, as always, backed by Sonim's industry-leading 3-Year Comprehensive Warranty.

# TECHNICAL SPECIFICATIONS

## SONIM XP2.10 SPIRIT

### RUGGEDIZATION

- Highly scratch and impact resistant screen (Gorilla glass)
- Certified IP67, impervious to water and micro particles
- Certified MIL 810G including Thermal shock, Extreme temperatures, Transport shock, Solar radiation and Salt water
- RPS certified (including Rated to 2.0m drop to concrete from any angle, Operational range -20°C to +55°C and Keypad buttons tested to 850,000 pushes)
- Unique octagonal design for wider distribution of impact area
- Core components:
  - Housing:
    - Dual injected hardened rubber with mix of fiberglass and Nylon
  - Internal frame:
    - Magnesium for enhanced protection of vital components.

### KEY FEATURES

- 3G, 7.2Mbps HSDPA
- 2" QVGA Display
- Multimedia features:
  - 3MP camera with LED flash and dedicated camera key
  - 3MP Video camera (QCIF and sub-QCIF resolution)
  - Multimedia player
  - FM Radio
  - MMS support (picture and video)
  - Email with IMAP4 POP 3 support (yahoo, gmail, etc.)
  - Web browser (WAP/XHTML)
- LED Torch
- PC synch application
- Micro SD slot (8GB maximum)

### CORE PLATFORM/FUNCTIONS

- BREW version 3.1.5 on Qualcomm MSM 6280 Chipset
- Tri-band GSM/GPRS/EDGE 900, 1800, 1900 MHz;
- UMTS: 2100 MHz, HSDPA 7.2 Mbps
- Support for more than 12 languages
- Bluetooth (1.2) with DUN, OPP, HSP, HFP, FTP, A2DP and AVRCP
- WAP2.0/1.2, XHTML
- SMS capacity: up to 1000 messages
- PC synchronisation
- Up to 40 MB of user memory
- External Flash memory: support for MicroSD max 8 GB.

### BATTERY

- 1300 mAh Li-Ion standard battery with up to 8 hours of talk and time and 428 hours of standby time

### PHYSICAL CHARACTERISTICS

- Dimensions: 130.7 x 59.7 x 21.7 mm
- Weight: 180g
- Certifications GCF/CE
- 7 soft keys / 10 programmable short-cuts
- 2.5mm Headset port
- Micro USB 2.0 port for charging and PC sync
- Coax Port for External RF Antenna

### AUDIO & VIDEO SYSTEM

- One single 20mm diameter water proof speaker system
- Omni-directional microphone
- 58db signal-to-noise ratio
- Echo and Noise canceling support
- Supported audio formats: MP3, AMR, Midi, WAV, WMA, AAC, eAAC+
- Supported video formats: MPEG4, H.264, 3GP

### DISPLAY

- Size: 2.0 inch (diagonal)
- Resolution: QVGA (320 x 240 pixels)
- Color depth: 262K
- TFT technology
- Ambient Light Sensor
- Supported wallpaper image format : JPEG / BMP / WBMP / PNG

### SOFTWARE PACKAGE

- Standard services
  - SMS
  - MMS (text, images, audio and video)
  - WAP2.0 - XHTML
  - Polyphonic ring tone supported
  - Multimedia player
  - Measurement/currency converter
- Sonim JAVA Application Manager
  - Opera Mini 4.2
  - Sonim Mail
  - Games
  - Nimbuzz
  - MGMaps

### STANDARD ACCESSOIRES

- Electrical wall charger
- Belt clip
- Screwdriver
- Wired Headset
- USB cable

### OPTIONAL ACCESSORIES

- Car charger

### THIRD PARTY BLUETOOTH ACCESSORIES

#### Mono BT Headset

Nokia BH209  
Nokia BH209  
Plantronics Voyager 510  
Plantronics Explorer 520  
Plantronics Explorer 370  
Iqua  
Jabra BT8040

Jabra JX10 Series II  
Aliph Jawbone 2  
Aliph Jawbone  
LG HBM-310  
Sennheiser VMX 100  
Nokia BH203  
Motorola H500  
Motorola H710

#### Stereo BT Headsets:

Samsung ASBH500JBECXAR  
Sony Ericsson HBH-DS970  
Nokia BH-501

#### BT Car kits:

Blue Ant supertooth light 2  
Motorola T305  
Motorola T505

Jabra SP 5050  
Parrot MK6000  
Parrot MINIKIT