



sonim®

# XP Pro Thermal

The new vision of productivity

THERMAL BY  FLIR

## Cutting-edge thermal technology meets a legacy of ruggedness.

The Sonim XP Pro Thermal gives you an edge in any environment. Integrated FLIR thermal imaging technology reveals heat loss, water intrusion, and movement in total darkness—helping you detect problems before they escalate.

Built to outlast, it meets Sonim's Rugged Performance Standards, resisting water, drops, and dust with ease. Dual loudspeakers with noise and echo cancellation ensure clear communication, no matter the conditions.

And it's just as nimble as it is tough. Large, programmable PTT, SOS and thermal capture buttons put customized functionality at the tip of your finger. With the XP Pro Thermal, you don't just work—you work smarter, faster, and with greater confidence.

### Features

#### See more, do more

Two powerful cameras, including the FLIR Lepton® 3.5 with cutting-edge thermal imaging and a 50-megapixel camera, expanding your view beyond the visible. Paired with the advanced Sonim Iris app, which includes MyFLIR Pro, it helps you detect heat sources, identify potential issues, and tackle challenges head-on.

#### Beyond tough

XP Pro Thermal not only meets industry durability standards, it surpasses them by achieving Sonim's proprietary Rugged Performance Standards making it able to excel in even the most challenging environments.

#### Work on your terms

Large, programmable PTT, SOS and thermal capture buttons allow for customized functionality right at workers' fingertips.

#### Power on and on

Your team stays productive all day with thanks to its long-lasting 5,000 mAh battery equipped with USB-C fast and wireless charging.

#### Communicate like a pro

100+dB loud speakers with echo and noise

**Designed with  
the latest tech.  
Ready for every  
challenge.**

## Sonim XP Pro Thermal technical specifications



### Core Platform/Functions

<b>Operating System</b>	Android 14, Google AER certified
<b>Chipset</b>	Qualcomm SM7550 (Snapdragon 7 Gen 3)
<b>Bands</b>	<b>5G:</b> n1, n2, n3, n5, n7, n8, n20, n25, n26, n28, n38, n40, n41, n48, n66, n70, n71, n75, n77, n78 <b>LTE:</b> B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B20, B25, B26, B28, B29, B30, B32, B38, B39, B40, B41, B42, B43, B48, B66, B68, B71 <b>UMTS:</b> I, II, IV, V, VIII
<b>Wi-Fi</b>	802.11 a/b/g/n/ac/ax 2.4GHz, 5GHz, 6GHz, 2x2 MIMO Hotspot capable up to 10 connections
<b>Memory</b>	8GB DDR4x 256GB UFS (ROM) Micro SD up to 2TB
<b>Preloaded Applications</b>	Sonim IRIS™, SonimWare™

### Connectivity

<b>Bluetooth</b>	BT5.3 BLE
<b>Messaging</b>	SMS, MMS (Text, Image, Audio, Video)
<b>GPS</b>	GPS L1 & L5/a-GPS; Galileo
<b>NFC</b>	Yes
<b>Sensors</b>	Accelerometer, Ambient Light, Barometer, Facial Recognition, Fingerprint, Gyroscope, Magnetometer, Proximity
<b>Languages Supported</b>	Standard Android languages
<b>VoLTE</b>	Yes

### Battery

<b>Capacity</b>	5000mAh
<b>Battery Life</b>	<b>Talk:</b> 27 Hours; <b>Standby:</b> 437 Hours



### Display

<b>Size/Type</b>	6.58" Gorilla® Glass Victus® II
<b>Resolution</b>	2408x1080
<b>Colors</b>	16.7M

### Physical Characteristics

<b>Size</b>	171.5 x 80 x 11.5mm
<b>Weight</b>	267g
<b>Dedicated Keys</b>	2x Programmable Action Keys, Volume Keys
<b>Ports</b>	USB C; SecureAudio® Gen 2 with mechanical retention
<b>SIM Type</b>	Dual 4FF pSIM; DSDS
<b>Rugged Certifications*</b>	IP68, IPX9K, MIL-STD-810H
<b>Regulatory Approvals</b>	FCC
<b>Industry Approvals</b>	PTCRB

### Audio

<b>Microphone</b>	Dual mic solution with noise and echo cancellation
<b>Speaker</b>	Dual loud speakers; output 100dB+
<b>HAC</b>	ANSI 2019

### Multimedia

<b>Audio Formats</b>	AMR-NB, AMR-WB, AAC, AAC+, AAC+V2, MP3
<b>Video Formats</b>	HEVC/H.265, H.264, H.263, MPEG-4, VP8, VP9
<b>Graphic</b>	JPG, PNG, BMP, GIF, WebP, HEIF
<b>Media Player</b>	Yes, Youtube, YT Music
<b>Camera</b>	<b>Thermal:</b> 50MP (Main)+ Thermal (FLIR Lepton 3.5), LED flash <b>Front:</b> 16MP, Flash using screen

### In-box Items

**XP Pro Thermal, SIM Card, SIM Tool, USB C Cable, Wall Charger, Quick Start Guide**