Honeywell
THE POWER OF CONNECTED

Industrial Safety



Safety Communicator

Personal information and communication hub

Safety Communicator

Safety Communicator is an app available for the use with both industrial-grade and non-industrial-grade smartphones, serving as a personal information and communication hub for industrial workers.

Part of ConneXt Safety Solutions, Safety Communicator installed on a smartphone receives data from a personal safety device via Bluetooth® and relays it in real time to a remote host controller. It enables constant visibility of your workers' safety, so you can make fast, informed decisions to protect your workers, prevent a crisis and optimize operations.

With Bluetooth Low Energy (BLE) technology, Safety Communicator is a great way to get wireless connectivity without the expense of a private network. And if you already have a Wi-Fi or mesh network, Safety Communicator helps ensure continuous wireless monitoring when a worker is out of range. Simply pair your safety device with the intrinsically safe, ruggedized, glove-friendly smartphone or with any other certified smartphone running Android OS or Apple iOS.

Then use the Safety Communicator smartphone app to send data from the device through a publicly available cellular network to the real-time monitoring software in a remote location.



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ANDROID APP ON Google play

Download on the App Store

Safety Communicator App for use with Smartphones running on
- Android – OS version 4.4 or above
- iOS – OS version 7 or above

Enhanced Safety

- *Real-time monitoring*
- *Location tracking*
- *Instrument association*
- *Personal profile and settings*

Better Productivity

- *Performance support*
- *Subject matter expert access*
- *Automatic data collection*

Improved Compliance

- *Reports*
- *Policy Enforcement*

Potential Users

- *Remote and Mobile Workers*
- *Lone Workers*
- *Plant Workers*
- *Emergency Responders*
- *High-Risk Workers*



Ultra Ruggedized Smartphone *

- *Global approval for worldwide acceptance*
- *IP-68 water- and dust-resistant*
- *Short- and long-range communication*
  - NFC
  - BLE
  - Wi-Fi
  - LTE (3G, 4G)
- *8MP camera and camcorder (can be disabled), barcode reader*
- *Location (GPS, triangulation)*
- *4" glove-friendly touchscreen*
- *Push-to-Talk (PTT)*
- *Panic button*
- *Android OS*

** optional*

Specifications of the Industrial-Grade Smartphone

	Model XP7 IS (Intrinsically Safe)	Model XP7
CORE PLATFORM/FUNCTIONS		
Operating System	Android 4.4 Kit Kat®	Android 4.4 Kit Kat®
Chipset	MSM8926 1.2 GHz Quad Core	MSM8926 1.2 GHz Quad Core
Band	LTE B1/B2/B3/B4/B5/B7/B17UMTS 850/900/1900/2100 MHz GSM 850/900/1800/1900 MHz	FDD-LTE B2/B4/B5/B7 B1/B8/B12/ B17UMTS 850/900/1900/2100 MHz GSM 850/900/1800/1900 MHz
Antenna	MISO antenna for LTE	MIMO antenna for LTE
Wi-Fi	802.11 a/b/g/n with hotspot	802.11 a/b/g/n with hotspot
Memory	16 GB eMMC Internal storage/1 GB LPDDR User memory: 12 GB	16 GB Internal storage/1 GB RAM User memory: 12 GB
Applications	Google Play, Push-to-Talk	Google Play, Push-to-Talk
CONNECTIVITY		
Bluetooth, SMS, MMS (text, image, audio, video)	BT 4.0/BLE (Bluetooth Low Energy) Supports SMS and MMS	BT 4.0/BLE (Bluetooth Low Energy) Supports SMS and MMS
GPS, NFC	GPS, GLONASS, A-GPS, NFC	GPS, GLONASS, NFC
Languages supported	English, Spanish	English, French, Chinese, Japanese, Korean
Email Client	EAS, Gmail, POP3, IMAP	EAS, Gmail, POP3, IMAP
BATTERY		
Capacity	Embedded 3600 mAh	Embedded 4800 mAh
Battery Life	Standby: 700 h; Talk: 30 h	Standby: 1000 h; Talk: 40 h
PHYSICAL CHARACTERISTICS		
Size	137 mm x 72.1 mm x 26.9 mm (5.39" x 2.54" x 1.05")	137 mm x 72.1 mm x 20.8 mm (5.39" x 2.54" x 0.82")
Weight	370 g (13 oz)	290 g (10.2 oz)
IP Rating	**IP-68**	**IP-68**
Certification and Wireless Approvals	FCC,FCC Chapter 717,IC, PTCRB, GCF, CEC(BSC), IEEE 1725, NFC, Bluetooth SIG, Wi-Fi, CTS, WHQL, IECEx, NEC500 CSA IS Class I, II, III Div 1, Groups A-G T4 ATEX II 2GD Ex ib IIC T4 Gb, Ex ib IIIC T135°C Db	FCC, PTCRB, IEEE1725, CEC, Bluetooth SIG, WFA, IC
Dedicated Keys	PTT key, Alarm key, Power key	PTT key, Alarm key, Power key
Ports	3.5 mm audio connector/magnetic USB connector/12-pin connector	3.5 mm audio connector/magnetic USB connector/12-pin connector
DISPLAY		
Size	4.0"	4.0"
Type	Corning® Gorilla® Glass with glove touch, Blanview display	Corning® Gorilla® Glass with glove touch, Blanview display
Resolution	WVGA (480 x 800)	WVGA (480 x 800)
Outdoor	Yes	Yes
Visibility	16.7 million colors	16.7 million colors
AUDIO		
Microphone	Dual mic solution with noise cancellation	Dual mic solution with noise cancellation
Speaker	19 mm loudspeaker with Gore® protective vents, output up to 103dB @ 1 m	19 mm loudspeaker with Gore® protective vents, output up to 103dB @ 1 m
MULTIMEDIA		
Audio Formats	mp3, WMA 9, AAC, ACC+, eAAC+, AMR-NB/WB	mp3, WMA 9, AAC, ACC+, eAAC+, AMR-NB/WB
Video Formats	Supports avi, mp4, 3GPP	Supports avi, mp4, 3GPP
Media Player	Android native + GMS	Android native + GMS
FM Radio	Yes	Yes
Cameras	8 MP auto-focus rear, 1 MP fixed-focus front	8 MP auto-focus rear, 1 MP fixed-focus front
LED Torch Light	Yes	Yes
ACCESSORIES		
Inbox Accessories	Wall charger Magnetic USB cable with Safety Box Multi-tool	Wall charger Magnetic USB cable with Safety Box Multi-tool

Honeywell Gas Detection

Honeywell is able to provide gas detection solutions to meet the requirements of all applications and industries. Contact us in the following ways:

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DS1161 | Rev 02 | 01/17
01-17

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