Safety Communicator
Personal information and communication hub
Safety Communicator

Safety Communicator is an industrial-grade smartphone and app serving as a personal information and communication hub for industrial workers.

Part of ConneXt Safety Solutions, Safety Communicator takes the Bluetooth® signal from a personal safety device and relays its data 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, the 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. Then use the Safety Communicator smartphone app to send data from the device using a publicly available cellular network to the real-time monitoring software in a remote location.

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

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)
- Android OS

Potential Users
- Remote and Mobile Workers
- Lone Workers
- Plant Workers
- Emergency Responders
- High-Risk Workers
### Specifications

<table>
<thead>
<tr>
<th>CORE PLATFORM/FUNCTIONS</th>
<th>Model XP7 IS (Intrinsically Safe)</th>
<th>Model XP7</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Operating System</strong></td>
<td>Android 4.4 KitKat®</td>
<td>Android 4.4 KitKat®</td>
</tr>
<tr>
<td><strong>Chipset</strong></td>
<td>MSM8926 1.2 GHz Quad core</td>
<td>MSM8926 1.2 GHz Quad core</td>
</tr>
<tr>
<td><strong>Antenna</strong></td>
<td>MISO antenna for LTE</td>
<td>MIMO antenna for LTE</td>
</tr>
<tr>
<td><strong>Wi-Fi</strong></td>
<td>802.11 a/b/g/n with hotspot</td>
<td>802.11 a/b/g/n with hotspot</td>
</tr>
<tr>
<td><strong>Memory</strong></td>
<td>16 GB eMMC internal storage/1 GB LPDDR User memory: 12 GB</td>
<td>16 GB Internal storage/1 GB RAM User memory: 12 GB</td>
</tr>
<tr>
<td><strong>Applications</strong></td>
<td>Google Play, Push-to-Talk</td>
<td>Google Play, Push-to-Talk</td>
</tr>
</tbody>
</table>

### CONNECTIVITY

<table>
<thead>
<tr>
<th>Bluetooth, SMS, MMS (text, image, audio, video)</th>
<th>BT 4.0/BLE (Bluetooth Low Energy) Supports SMS and MMS</th>
<th>BT 4.0/BLE (Bluetooth Low Energy) Supports SMS and MMS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GPS, NFC</strong></td>
<td>GPS, GLONASS, A-GPS, NFC</td>
<td>GPS, GLONASS, NFC</td>
</tr>
<tr>
<td><strong>Email Client</strong></td>
<td>EAS, Gmail, POP3, IMAP</td>
<td>EAS, Gmail, POP3, IMAP</td>
</tr>
<tr>
<td><strong>BATTERY</strong></td>
<td>Embedded 3600 mA</td>
<td>Embedded 4800 mA</td>
</tr>
<tr>
<td><strong>Battery Life</strong></td>
<td>Standby: 700 h, Talk: 30 h</td>
<td>Standby: 1000 h, Talk: 40 h</td>
</tr>
</tbody>
</table>

### 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)                                      |

### 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)                                   |

### 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 103 dB | 19 mm loudspeaker with Gore® protective vents, output up to 103 dB |

### Multimedia

| **Audio Formats**                                 | mp3, WMA 9, AAC, ACC+, eAAC+, AMR-NB/WRB           | mp3, WMA 9, AAC, ACC+, eAAC+, AMR-NB/WRB           |
| **Video Formats**                                 | Supports avi, mp4, 3GPP                             | Supports avi, mp4, 3GPP                             |
| **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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