



DATASHEET

**Clairvoyant Connect™
Smart Cellular
Wearable**

The first enterprise
wearable.

Introducing Clairvoyant Connect Smart Cellular Wearable – The first customizable wearable designed to support enterprise applications and minimize time to market

Your company has solutions that could use the addition of a wearable, yet finding the right solution can be frustrating. Many wearables are designed and suitable for consumers only. For enterprise deployments, a wearable must be:



Scalable and easily integrated into existing enterprise applications



Field proven with thousands of customers



Standalone smart wearable running on the newest cellular networks



Provide an IoT gateway



Secure with necessary safety certifications



Ready to go now available in quantity



Certified for the major cellular networks (PTCRB)



Rugged to stand up to daily usage



Affordable for mass deployments



Comes with full engineering support and services

Clairvoyant Connect drastically decreases development time and expense with technology built with enterprise IoT in mind. It has a tried and tested installed base of thousands. The cellular certifications – a process that can take up to a year and cost hundreds of thousands of dollars – have been secured. The Android™ software stack provides an open platform for application development, simplifying integration with existing solutions. Add new functionality much faster with the full support of Clairvoyant's experienced engineering team. Collectively, this presents a solid, cost-saving acceleration path to deployment for SIs seeking a best-in-class solution for their customers.

Clairvoyant Connect Smart Cellular Wearable Benefits

Fast-path custom application development.

Clairvoyant Networks is here to support you, and our experienced engineering development team is available to collaborate.

Pre-certified and compliant. Cellular IoT gateways require many certifications that can take months or even years to obtain and are very expensive. In addition to already having PTCRB cellular certification, the Clairvoyant Connect Smart Wearable has 16 more safety, environmental and emissions certifications.

Wearable is an IoT gateway. Clairvoyant Connect eliminates the need for tablets, laptops additional cellular devices, which keeps your employees lighter, safer and able to access applications and data much more easily.

Remote monitoring and SOS feature supports the safety of mobile and lone workers. The wearable provides hands-free cellular communications, GPS tracking and an SOS button for rapid response, all which can increase employee confidence while helping managing risk for those in more rugged environments.

Additional available software applications. Wi-Fi, weather and other existing software applications can be leveraged for new customer applications, with new technology in continual development.

Proven, future-proof cellular technology. The rigorously tested wearable/IoT gateway uses the latest 4G/LTE technology and is 5G compatible.

Increased safety by design. A wearable communications gateway with hands-free communication is not only more convenient for employees, but also safer than badges, cell phones, and lanyards that can be difficult to handle or get tangled in equipment in rugged environments.



Technical Specifications

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|--------------------------|---|
| Chipset | Qualcomm MSM8909W |
| Operating System | Android 7.1 Nougat |
| Supported Cellular Bands | VoLTE , 4G LTE B2,B4,B12 (1900, 1700, 700MHZ) |
| Wi-Fi | 802.11b/g/n |
| Bluetooth | BT 4.1 BLE |
| Location | GPS, WPS |
| Display | 360 x 360 1.3 TFT LCD |
| Touch | Capacitive Sensing Touch Screen |
| Sensors | 3D Accelerometer/Gyro Sensor |
| Battery | 3.8V Li-Pol 370mAh 36-48 hours of standby operation, 2-4 hours of talk time, 24-36 hours of active mPERs/Hybrid Application |
| Interface | External Magnetic Charging Cradle, Nano 4FF SIM, Microphone, Speaker, Power and SOS function buttons |
| Water Resistance | IP67 Rating |
| Wristband length | 5 ¼" to 8 ½" |
| Wristband width | ½" |
| Watch face | 1 ¼" diameter |

Third Party Certifications

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| Battery Cell (UL1642/IEC62133/UN38.3/IEEE1725) & PACK (UL2054/IEC62133/UN38.3/IEEE1725/IEC62368-1) |
| FCC |
| PTCRB Testing |
| PTCRB Certification |
| SIG BT Testing |
| RoHS |
| CVAA compliant |
| LTE OTA Test (LTE only) |
| Wi-Fi Test |
| LTE, VoLTE protocol Test |
| AGPS protocol Test |
| Data Performance Test |
| Field Testing (call/data/audio performance, etc.,) |
| e911/AGPS Field Test |
| Acoustic Test |
| AGPS (DEVICE CUSTOMIZED TEST) |
| IEEE-1725 Battery System (Host Device) |
| BT Bluetooth compatibility test |
| Prop65 (BPA) |