

Monitor personnel safety and location in real time with the CyLoc™

Know when they work, where they are and improve safety and productivity.



MAIN FEATURES



Personnel Tracking
Accurate positioning inside and outside



Geo Fencing and Access Control
Area management and violation alerts



Personnel Safety Alerts
Man Down Sensor and Panic Alarm



Personnel Authentication
Identification credentials, certificates and access rights



Low Power Consumption
Rechargeable battery / typical 14 day battery life



1.28 " TFT Display
Messaging, alerts and display icons

CYLOC™

The Cyloc™ is a wearable tracking and communication device carried by employee personnel and staff. When carried within areas covered by our CyNet™ mesh network, its position can be tracked precisely in real time.

Having a tracking solution with panic, missed check-in and man down alerts, allows you to be alerted in an emergency, locate your employee on a map and send help directly to their location.

By communicating with a secure backend, CyLoc™ may utilize personal information, access rights and certificates for authentication purposes. The CyLoc™ is able to pinpoint accidents and emergencies, and to trigger appropriate alarms. In case of evacuations, personnel carrying a CyLoc™ will receive mustering instructions on their display. Text messages may also be broadcast to all personnel carrying CyLoc™.



CyLoc™ use cases and applications

- Tracking of personnel and crowd management.
- Detect an individual moving from a group or zone
- Identity authentication and verification.
- Access control and process compliance.
- Messaging, musterings, instruction and alerts.
- Card ID registration.
- Protective RF shielding.
- NFC Reader (write optional).



CYLOC™ PERSONNEL TRACKING WITH CYNET™

CyLoc™ integrates dual channel radio technology into rechargeable, panic button-equipped wearable devices distributed to all personnel. The CyLoc™ works in conjunction with our proprietary CyNet™ mesh network, via CyNode™ beacons installed throughout your facility both inside and outside to create a local low power consuming encrypted network that monitors every person's location with high accuracy.

CyNet™ is a scalable, high security, proprietary mesh network which can be installed at any facility. Whether installed inside or outside, CyNet™ allows for precise location tracking, data flow and access validation. Unlike GPS, CyNet™ is local and uses sub-GHz radio frequencies, ensuring signal communication through any structural material.

This comes with the added benefit of very low power consumption. Workforce and process management is also improved with auto zone check-in functionality, alerts, and messaging. For more information about CyNet™, please visit www.cypod.com.

CYCARD™ TECHNICAL SPECIFICATIONS	
Dimensions / Weight	L 60mm, W 38.5mm, D 15mm / Weight: 42 grams
Display	1.28" TFT EPD, 120 FPS
Operational Temperature / Storage Temperature	0°C to 60°C 95%RH / -20°C to 70°C
Battery	Li-Ion, Rechargeable, 3.7V, 900mAh /14 days
Sensor Types	IMU (acc +/- 16g), Gyro +/- 2000°/sec)
Radios / Network	CyNet / IEEE 802.15.4 (2.4GHz) CyNet / IEEE 802.15.4 (>1GHz)
Location accuracy	+/- 2m indoor, +/- 5m outdoor
Safety and Certifications	CE, RoHS and MiFare compliant