



Purelink Sensor Pack

PLK-WSE-10S



Purelink's PLK-WSE-10S Wireless Sensor Pack is designed for developers and integrators who need access to low-level data from versatile tracking hardware. The PLK-WSE-10S contains 3 receivers, a choice from 3 types of wireless **sensorEdge™** tracking tags and an SDK.

Developers can use this SDK to create fully customized enterprise software for visibility and sensor-driven applications. Using the RSS data provided by the SDK, developers can design and implement their own location system. By augmenting this custom location system with environmental data from wireless sensors, developers can tailor their systems to suit the needs of any enterprise.

The open architecture of the Sensor Pack allows for rapid system scalability once the application has been proven. By simply adding more sensors, tracking badges, asset tags and receivers, novel control systems can be built to serve new business opportunities.

PLK-WSE-10S, A Complete Sensor System for Assets, in a Box

	PLK-WSE-10S Sensor Pack Content	Quantity
1	PLK-VRF015-10 Visibility Receiver	3
2	802.11 Wi-Fi communication backbone	optional
3	Power Over Ethernet	optional
4	PLK-AN010 Tracking Antenna	6
5	Antenna mounting kit	6
6	sensorEdge™ Tracking Tags with embedded sensors (choice of the following) <ul style="list-style-type: none"> ■ Temperature Sensor (-20°C to +70°C) ■ Motion and Shock Detection Sensor ■ Custom External Sensor (Price will be adjusted) 	25
7	nanoEdge™ Hardware-Level SDK	1 license
8	12 month technical support	yes
9	Complete documentation kit	yes
10	1-year limited warranty on hardware and software	yes
	Price (starting from, in USD)	\$6 825.⁸⁵

The Sensor Pack is designed as a scalable system core which you can easily increase in size and scope to meet your needs.

- Increase coverage by adding more PLK-TR015-10 Tracking Receivers or PLK-VRF015-10 Visibility Receivers, when and where you need it
- Increase tracking volume by adding more tracking badges, asset tags and sensors
- Enrich your custom applications by connecting it to Purelink’s **Bluefairy™** Computing Engine and **Bluefairy™** Client Suite 4.5
- Work with Purelink engineers to maximize your hardware configuration (tags, receivers, wireless sensors)

Applications

- Build smart security applications by measuring temperature fluctuation, vibrations and changes in ambient light in an enterprise, manufacturing plant or other facilities
- Ensure better quality control of products in supply chains (cold supply chains, product integrity)
- Build smart microclimate control applications to increase comfort in buildings and save energy

Pack Performance	
Outdoor Coverage Capacity	150m x 150m (22 500 m ²) 492' x 492' (242 188 sq ft)
Indoor Coverage Capacity	80m x 80m (6 400 m ²) 262' x 262' (68 889 sq ft)
Hardware-level data for building custom location systems with RSS algorithm	Available
Location Update for Badges, Tags and Sensors	Customizable



Surveillance
and Control



Protect and
Manage



Increase Business
Efficiency

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