

Data sheet

ZIGPOS Gateway



The ZIGPOS Gateway is based on the Intel® NUC with an integrated IEEE 802.15.4 radio bridge. The RF module ensures communication with the ZIGPOS hardware family and with its RTLS components. It runs the RTLS software, the API to link the sensor network with the enterprise IT landscape and enables access of mobile user devices.

Software

- Identification of sensor nodes
- Communication - bidirectional
- Positioning, Tracking, Visualization
- Network management
- Open source database access
- W-LAN Access point
- Linux based server OS

API's

- Web socket connection
- Restful API with JSON or XML Database
- GUI options (ZIGPOS proprietary, HTML5 based web interface, JAVA application)
- IEEE ISO/IEC 24730-1 RTLS
- Customized interfaces



19V DC input, 2 x USB 2.0 ports,
2 x HDMI ports, Gigabit Ethernet

SPECIFICATION ZIGPOS Gateway

Item #	100008
CPU	Intel® Celeron® low power processor
Frequency	2,4 GHz ISM band
Connectivity	Intel® 10/100/1000 Network Connection Hi-Speed USB 2.0 ports IEEE 802.15.4/a interface W-LAN IEEE802.11 b/g/n Bluetooth IEEE802.15.1 HDMI output
Power supply	19V DC with 100-240V 50/60Hz AC adapter
Software	Linux based OS Network management application ZIGPOS positioning engine GUI (web browser required)
API	JSON, XML, IEEE ISO/IEC 24730-1 RTLS
Size, Weight	116,6 mm x 112,0 mm x 39,0 mm, 585 g
Environment	0 °C to +50 °C Operating Temperature
Certification	China CCC EMC, UL joint US/Canada, FCC Class B equipment, CE- EMC, ACA NZ RSM C-tick mark, Japan VCCI, Korea Certification mark, Taiwan BSMI