

DATA SHEET

GW4000 Gateway

Small lightweight cable-free BLE Gateway plug with integrated power socket



Product Highlights

- Small lightweight BLE Gateway plug with integrated power socket allowing additional devices to be connected.
- Supports STANLEY Healthcare BLE Tags
- Supports 3rd party BLE tags/devices (Company ID, iBeacon, and Eddystone)
- Relays BLE messages from STANLEY Healthcare BLE Tags and 3rd party tags/devices (using configured filters) to the Location Engine.
- Integrated Wi-Fi for network communication with the Engine - Supports Open, WPA2-PSK, and 802.1x (Enterprise security)
- Supports Static IP and DHCP
- Configured using the WanderGuard BLUE Mobile application
- Can be used together with GW3000/3100 Gateways
- Can be used to enhance an existing WLAN that supports BLE (for example Cisco DNA Spaces)
- Cable-free

Description

The BLE Gateway GW4000 is a component of STANLEY Healthcare's BLE Platform. The small lightweight cable-free BLE Gateway plug, with an AC pass-through outlet, contains a BLE receiver to receive BLE messages from BLE tags and devices.

Received data is relayed to the Location Engine for location tracking using the Gateway's integrated Wi-Fi component. The Gateway's Wi-Fi is initially configured via the WanderGuard BLUE Manager application. Once configured, the Gateway can be added to the Location Engine. Certain Gateway parameters can be changed or edited via the Engine if required.

Product Specifications - GW4000 MK110 US Version

Model: MK110 (US Version)	SKU: GW-4000-U	GW4000 Gateway with US power outlet
Range	Scanning Distance: Up to 20m (65 feet)	
Physical & Mechanical	Dimensions LWH: 69 x 42 x 38 mm (2.7 x 1.6 x 1.4 inch) Weight: 87g (3.0oz)	
Communication	BLE (Bluetooth Low Energy): 4.2 Wi-Fi: WiFi IEEE 802.11b/g/n 2.4Ghz	
Wi-Fi Security Modes	Open WPA2-PSK 802.1x	
Environmental Specifications	Operating Temperature Range: 0 °C to 40 °C (32°F to 104°F) Humidity: 0% to 90% RH non-condensing (Spec: 10%-90% operation)	
Electrical	Plug Type: US Input Voltage: 100VAC – 120VAC Output Voltage: 100VAC – 120VAC	
Visual Indications	LED: Tri-color RGB	
Certifications	Radio, EMC: FCC Part 15 Subpart C, RSS-247(RF Module) Safety: UL 60730-1, CSA E60730-1, UL 498A, UL 746C, CSA C22.2 No 17, IEC 60529, UL 50E, CSA C22.2 No 94.2-15	

Product Specifications - GW4000 MK103 EU Version

Model: MK103 (EU Version)	SKU: GW-4000-E	GW4000 Gateway with Europe power outlet
	SKU: GW-4000-UK	GW4000 Gateway with UK power outlet
Range	Scanning Distance: Up to 20m (65 feet)	
Physical & Mechanical	Dimensions LWH: 62 x 72 x 110 mm (2.4 x 2.8 x 4.3 inch) Weight: 135g (4.7oz)	
Communication	BLE (Bluetooth Low Energy): 4.2 Wi-Fi: WiFi IEEE 802.11b/g/n 2.4Ghz	
Wi-Fi Security Modes	Open WPA2-PSK 802.1x	
Environmental Specifications	Operating Temperature Range: 0 °C to 40 °C (32°F to 104°F) Humidity: 0% to 90% RH non-condensing (Spec: 10%-90% operation)	
Electrical	Plug Type: EU & UK Input Voltage: 90-240VAC Output Voltage: 90-240VAC	
Visual Indications	LED: Tri-color RGB	
Certifications	Radio, EMC: EN 300-328, EN 301-489, Radio Equipment Directive 2014/53/EU (RED), Radio Equipment Directive S.I.2017/1206 (RED), RoHS 2 Directive 2011/65/EU, RoHS 2 Directive S.I.2012/3032 Safety: EN62368, EN62479 (health)	



About STANLEY Healthcare

Over 15,000 hospitals and senior living communities rely on STANLEY Healthcare solutions to empower caregivers to deliver better care. STANLEY Healthcare is a part of Stanley Black & Decker and a proud supporter of the Alzheimer's Association®. Learn more at www.stanleyhealthcare.com.