PHANTOM®

GATEWAY 2.0
&
USB GATEWAY

CERTIFICATIONS C E RoHS COMPLIANT REACH COMPLIANCE

The **PHANTOM Condition Monitoring System** has evolved with **Gateway 2.0** — the most powerful link between your **PHANTOM** sensors and **DigivibeMX**. With expanded storage, new communication protocols, simultaneous data collection, remote updates via **EI Analytic**, and on-demand access from the user interface, you now have full control of your system. Built on your feedback, **Gateway 2.0** takes reliability to the next level.

INFORMATION

Product code	EPH-GWG2
Storage	100,000 recordings / embedded storage
Nodes supported	Up to 250 Nodes

CONNECTIVITY AND SOFTWARE

WiFi protocol	2.4GHz / 5GHz wifi
Bluetooth protocol	Bluetooth low energy 5.0
Operation frequency	2.4 Ghz
Network port	100M/10M Ethernet RJ45
Antenna gain	2.4 GHz Antenna 3dBi
Antenna connector	Two RP-SMA Male Connections
Compatible protocols	Modbus TCP / IP, OPC and MQTT
Wireless range	100 m Line sight*
Compatibility	DigivibeMX 11 PHANTOM & M30 Versions, EI-Monitoring, EI Analytic Firmware Updates via Gateway
Contains FCC ID	X8WBT840

POWER SUPPLY

Input voltage	5 VDC or 9-24 V
Amperage requirements	2A

DIMENSIONS AND FIXTURE

Dimensions	88x69x30 mm *(without antennas)*
Weight	170 gr
Housing material	ABS / Ballistic Nylon
Fixture	Standard DIN Rail *(35 mm, 42 mm wide)*

ENVIRONMENTAL CONDITIONS

Operating temperature	-7 ºC to 60 ºC *(20 ºF to 140 ºF)*
Protection grade	IP54

Ideal enviroment. No competing signals or obstructions.

Take full control of your system directly from the **USB Gateway**. Includes all the features of the standard **Gateway**, plus new and exciting additions like: Full compatibility with OPC-UA, MQTT, and Modbus TCP/IP protocols, simultaneous sensor data collection, OTA firmware and configuration updates for both gateway and sensors via local UI or remotely through **EI Analytic**, and on-demand data collection from the gateway interface.

INFORMATION	
Product code	EPH-USB-GW
Storage	Unlimited storage based on Micorsoft Windows® PC SSD/HDD Capacity
Nodes supported	Up to 250 Nodes

CONNECTIVITY AND SOFTWARE	
WiFi protocol	2.4GHz / 5GHz wifi
Bluetooth protocol	Bluetooth low energy 5.0
Operation frequency	2.4 Ghz
Network port	WiFi 802.11
Antenna gain	3dBi Antenna
Antenna connector	RP-SMA Male Connections
USB Connector	USB-C or USB-A connector
Compatible protocols	Modbus TCP, OPC UA, MQTT, and HTPP Websocket
Wireless range	100 m Line of sight*
Compatibility	DigivibeMX 11 & EI Analytic

POWER SUPPLY	
Input voltage	5 VDC 1A Max *(through USB)*
Minimum current required	2A

DIMENSIONS AND FIXTURE	
Dimensions	2.72 x 1.52 x 0.65 in *(without antenna)*
Weight	50 gr *(with antenna)*
Housing material	ABS / Ballistic Nylon

ENVIRONMENTAL CONDITIONS	
Operating temperature	-7 °C to 60 °C *(20 °F to 140 °F)*
Protection grade	IP54

Ideal enviroment. No competing signals or obstructions.