

PowerLogic

PowerTag Link/PowerTag Link HD Gateways

Firmware Release Notes

PowerLogic offers power quality, uptime and efficiency.

DOCA0180EN-01
09/2020



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Introduction

PowerLogic Master Range

PowerLogic smooths the power supply, and helps to protect the network, the installation and the operator by improving the power factor and hence the quality of the power. It also allows for remote control of equipment and the monitoring of its performance and condition in real time.

PowerTag Link and PowerTag Link HD Gateways

PowerTag Link and PowerTag Link HD gateways are Ethernet connection concentrators (Modbus TCP/IP) for wireless devices with data display web pages.

The associated PowerTag energy sensors allows alarms to be managed through email for terminal loads, and energy, power, current and voltage to be measured accurately in real time.

The associated PowerTag control modules are designed to monitor a circuit and to notify wirelessly to the concentrator about the information status of a contact (OF, SD, CT or TL position indication).

The PowerTag Link display is the wireless local HMI of the PowerTag system. The PowerTag Link display combined with the PowerTag Link gateway can monitor the energy locally into any electrical distribution system. The values collected by the wireless energy sensors (current, voltage, power factor, power and energy) are displayed on the front door of your electrical panel.

To go further, the PowerTag Link display gives alarms locally. Therefore, it helps to improve your operational efficiency, and to reduce the impact of downtime.

The entire system can be easily installed in the existing low voltage equipments using Multi9, Acti9, or ComPact NSX circuit breakers.

Firmware Release History

The following table indicates the availability of each firmware version for PowerTag Link and PowerTag Link HD gateways. There is no compatibility issue between latest version of firmware with previous versions.

Date	Firmware version	Availability
September 2020	001.008.007	Latest commercial release
April 2020	001.006.007	Obsolete
July 2019	001.004.005	Obsolete
January 2019	001.002.001	Obsolete

Firmware Update Policy

Firmware update is recommended to benefit from the latest features and potential bug fixes.

Firmware Update with EcoStruxure Power Commission Software

Use the latest version of EcoStruxure Power Commission software to update the PowerTag Link gateway with the latest firmware version available.

The latest version of EcoStruxure Power Commission software is available at www.se.com.

For more information on the use of EcoStruxure Power Commission software, refer to *EcoStruxure Power Commission Online Help*.

Firmware Versions

Firmware Version 001.008.007

New Features

New features in this firmware version:

- Integration of new devices:
 - PowerTag R2000 energy sensors (A9MEM159●)
 - PowerTag F160 energy sensor (A9MEM1580)
 - PowerTag Link display (A9XMWRD)
- New design for Monitoring webpage

Bugs Fixed

Bugs fixed in this firmware version:

- Treck TCP/IP Vulnerabilities (Ripple20) documented in [SEVD-2020-175-01](#)
- Several cybersecurity issues
- Miscellaneous corrections

Firmware Version 001.006.007

New Features

New features in this firmware version:

- Security updates in support of:
 - Activate HTTPS per default
 - Account lockout mechanism
 - Internal cybersecurity initiative
- Integration of new devices: PowerTag energy sensors with commercial references A9MEM1573, A9MEM1564 and A9MEM1574.
- Wireless communication performances adjustment:
 - PowerTag Link reference A9XMWD20 can support up to 20 wireless devices, and up to 5 PowerTag control modules among them.
 - PowerTag Link HD reference A9XMWD100 can support up to 85 wireless devices, and up to 5 PowerTag control modules among them.

Bugs Fixed

Bugs fixed in this firmware version:

- Several cybersecurity issues
- Miscellaneous corrections

Firmware Version 001.004.005

New Features

New features in this firmware version:

- Integration of new devices: PowerTag Control modules.
- Detailed configuration of PowerTag energy sensors including position and power supply.

Firmware Version 001.002.001

New Features

New features in this firmware version:

- Device Replacement (DR)
- Maximum demand and apparent power
- Firmware update through LAN (no need of peer-to-peer connection between EcoStruxure Power Commission software and PowerTag Link gateway).

Related Documents

Title of documentation	Publication date	Reference number
<i>PowerTag Link - User Manual</i>	09/2020	DOCA0157EN-03

You can download these technical publications and other technical information from the website at <https://www.se.com/en/download>.

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DOCA0180EN-01