

OnIQ Portable Edge Computing Unit with HPE GL20 IoT Gateway

RAPID OUTDOOR COMPUTING DEPLOYABLE IN UNDER 30 MINUTES

100% Self-powered

- Get ongoing power with a combination of proprietary bullet-resistant V5 Solar Panels, battery and power management system or connect to AC power when available

Customizable Platform

- Modular platform for optional sensors, including GPS location and temperature sensors
- 3rd-party software applications and 3rd-party hardware sensors

Wireless Communications

- Wi-Fi, Cellular (3G/4G/LTE) or third-party communications devices such as RF (Radio Frequency) and Satellite.

Edge Computing & Storage

- HPE GL20 IoT Gateway
- 500GB or 1TB of local storage

Experts predict 26 billion or more smart devices and sensors will be connected to the internet by 2020, expanding the network of the Internet of Things (IoT).

When thinking about the IoT, most people associate it with consumer smart refrigerators and thermostats. However, a large subset of that is large-scale enterprise applications, or the Industrial IoT. Think about sensor-connected retail stores and factories that can analyze real-time data to optimize efficiencies. In the Industrial IoT applications Edge Gateways connect various device/sensor data, analyze it in real-time and send back meaningful information to the Cloud or control center, saving companies expensive bandwidth.

But what if you need to collect sensor or device data in outdoors where there isn't easy access to power or connectivity? Think smart agriculture, smart freeways and smart outdoor environments including parks, forests, waterways and cities.

Introducing the OnIQ Portable Edge Computing Unit, the world's first wireless solar-powered computing solution powering Gateways in the outdoors and wirelessly communicating analyzed information to the Cloud or control center. Eliminating the need for fixed power or data cables, this intelligent platform houses the HPE GL20 IoT Gateway, allowing customers to deploy sensors and software applications in any outdoor environment. It has onboard storage and wireless communications via Wi-Fi and cellular and can be configured and installed in under 30 minutes per unit. Made to withstand harsh conditions, it is packaged in a ruggedized enclosure for even the most remote areas. What would you do with outdoor self-powered computing?

THE MOST ADVANCED SELF-POWERED OUTDOOR COMPUTING SOLUTION

Be empowered to connect sensors and 3rd party applications without being tied to the electrical grid.

BENEFITS:

Fast Deployment

- Compact solution
- Effortless setup

Lower Expenses

- No trenching
- 2-year warranty included

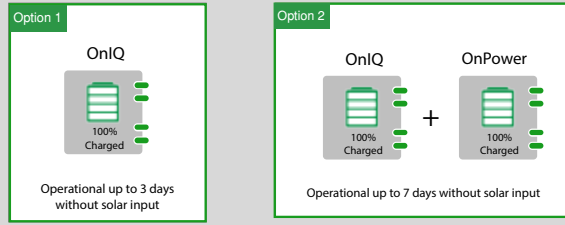
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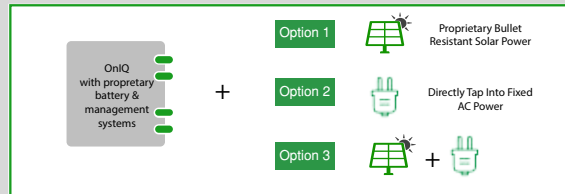
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Customizable Operational Time



Choose the operational time that's right for you. Operational time will vary based on what components are integrated onto the system. Fully charged units without any solar input powering the Dell 3003 Gateway will be operational for up to 2.5 days. This operational time can be extended with the addition of an OnPower Portable Solar and Battery Management Unit, extending the operational time to up to 7 days without any solar input. Runtime may vary based upon final configurations.

Multiple Power Source Options



Get the flexibility of 3 power options. All solutions include a proprietary battery and power management system and can be powered via bullet-resistant V5 Solar Panels, AC power or a combination of both. When connected to AC power, the battery and power management system act as backup power when fixed power goes down.

Physical Specs

Enclosure.....IP66
 Dimensions.....16.59" L x 14.59" W x 8.24" D
 Weight.....33 lbs.
 Bracket Weight.....3.5 lbs.

Includes 2 Year Warranty