



Gateway and Optional Devices

PRODUCT OVERVIEW

The Universal Field Panel (UFP) is a groundbreaking platform built to be the data transmission solution for secure integrated data. The UFP Gateway (UFP-GW) is an open architecture IOT device which provides trustworthy data-gathering and control from the edge to the enterprise. The UFP is easily scalable to accommodate dynamic environments with its optional Expansion Modules (EM). This method combines intrusion detection, access control, and industrial data gathering controls into an extremely cost-effective and scalable footprint.



UFP-GW-16



UFP-EM-16-RSW



UFP-EM-8-RSW



PM-4

Edge to Enterprise Encryption

When combined with the Digital Encrypted Security Interface (DESI) module, the UFP is a revolutionary approach for upgrading any security or control interface's ability to confidently gather authenticated data from the edge.

Cyber Secure

The UFP is the gateway to the cloud for Zero Trust authenticated and encrypted data. Built from the edge with a cyber security mindset, the UFP ships with a robust set of tools and standards including secure boot, secure key storage, FIPS level cryptography, Trusted Platform Module (TPM) 2.0, and Security Technical Implementation Guide (STIG) compliance.

Scalability

When more device inputs, outputs, and serial points than provided on the UFP are needed, the UFP-EM-8 and UFP-EM-16 expansion modules seamlessly supply additional ports to meet scaling requirements. Each UFP can power up to four amps of expansion modules in sequence. If additional expansion modules are needed, our PM-4 supplementary power supply can be added. A PM-4 can also be used to deploy more expansion modules remotely from the UFP-GW.

Open Architecture

The UFP is designed as an open architecture platform capable of hosting COTS and GOTS application components. The UFP contains the tools to host database, computing, and container services for COTS and GOTS equipment. With an already secure computing environment, the UFP allows for the modernization of sensing and control applications such as intrusion detection, burglary systems, access control, fire, SCADA, building controls, and more.

