



UNIVERSAL FIELD PANEL

SAFE | SECURE | RELIABLE

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.

- A COTS low cost per input field panel
- Provides Secure Authenticated Data from the Edge to Enterprise
- Zero Trust security model
- Replaces legacy field panels and 80-year-old end-of-line resistor technology
- TAA compliant

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 compliance, 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.

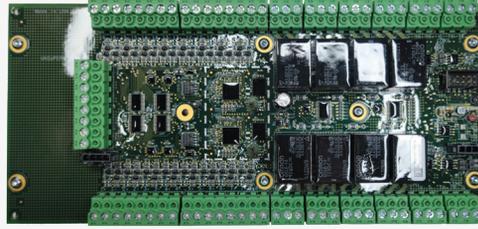
Open Architecture

The UFP is designed as an open architecture platform capable of hosting COTS and GOTS 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.

Gateway and Optional Devices



UFP-GW-16



UFP-EM-16-RSW



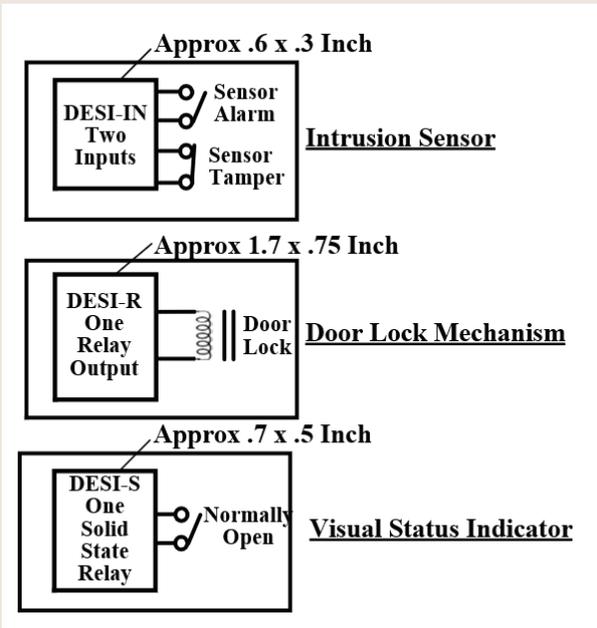
UFP-EM-8-RSW



PM-4

Current Stocked Variants & Capacities:	
UFP-GW-16	16 DESI ports, 2 Serial Ports
UFP-EM-8- RSW	8 DESI/Legacy Ports, 2 Serial Ports, 4 Relays
UFP-EM-16-RSW	16 DESI/Legacy Ports, 4 Serial Ports, 8 Relays
PM-4	GW RS-485 Bus Extender & Power Expander (4A)
DESI-IN	Dual input device
DESI-R	Single FORM-C Relay Output
DESI-S	Single FORM-A Solid State Relay Output

DESI Types



Model Information

