



V-IPFO
IP FIRE ALARM UNIT (INPUT & OUTPUT)

Intelligent Trigger Contact Management System — Input/Output Unit

The **V-IPFO** is the fully featured member of the Intelligent Trigger Contact Management System family, combining 32 dry contact inputs with programmable dry contact outputs for direct control of external systems. Built around an intelligent embedded processor, the V-IPFO prioritizes and manages simultaneous trigger events — ensuring critical alarms such as emergency evacuations are always processed first. When triggered, the system delivers pre-recorded or Text-to-Speech (TTS) emergency voice messages to designated zones via networked IP power amplifiers and decoder hubs, with all commands centrally orchestrated by the management server for fast, reliable, and deterministic response in life-safety and building automation applications.

Key Features

- 32 dry contact inputs for comprehensive event monitoring and detection
- Programmable dry contact outputs — configurable as 12 Normally Open (NO) or 6 Normally Closed (NC) contacts — for direct control of external systems
- Intelligent embedded processor with automatic priority management for simultaneous trigger inputs
- First-come, first-served handling when explicit priorities are not defined (priority assignment strongly recommended for critical safety applications)
- Delivers pre-recorded or Text-to-Speech (TTS) emergency voice messages to designated zones via networked IP power amplifiers and decoder hubs
- Noise-immune input circuitry for reliable signal detection
- Centrally orchestrated by the management server for fast, deterministic response
- Ideal for life-safety, emergency evacuation, and building automation integration

Applications

- Emergency evacuation and public address (PA) systems
- Fire alarm and life-safety trigger integration
- Building automation and external system control
- Large-scale facilities requiring centralized, prioritized event management

Technical Specifications

	V-IPFO
Power Sources (Input)	24V DC
Power Consumption	18W
INPUT	
Dry Contact Input / 24V DC input	32
Selectable Switch for 24V DC input	YES
Selectable Switch for 24V DC input	CAT6 x1
Connector Type	Phoenix Connector
OUTPUT	
Normally Open Contact	12
Normally Close Contact	6
Cascading Unit	YES
Connector Type	Phoenix Connector
Dimensions	480MM (W) x 260MM (H) x 44MM (D)
Weight	2.3KG

