



AIR Intelligence

Effective: April 2010

Integrated System Control—Monitor and program your network of smoke detection devices.

The AIR-Intelligence Command Module provides a single location display, control and interfacing option for systems of up to 127 detectors. The Command Module allows global programming of all detector functions simultaneously. The integral bargraph automatically displays the status of the detector with the highest alarm level to identify potential problem areas.

Contact Monitors enable detectors from alternative manufacturers to be monitored where necessary ensuring optimum flexibility for the end user. The PIN protected programmer enables global entry of all detector settings to significantly reduce commissioning time.

The Command Module is fully compatible with all AIR-Intelligence detectors and devices such as the Remote Display Unit for interconnection of large quantities of AIR-Intelligence detection devices.

Options Available:

- Internal detector option
- 19" Rack mounting version
- Addressable Protocol Interface Cards (APIC) available for popular industry signaling line circuit protocols.

Approvals

Approved/listed by cULus and FM. Other major North American certification agency approvals in process.



Key Features:

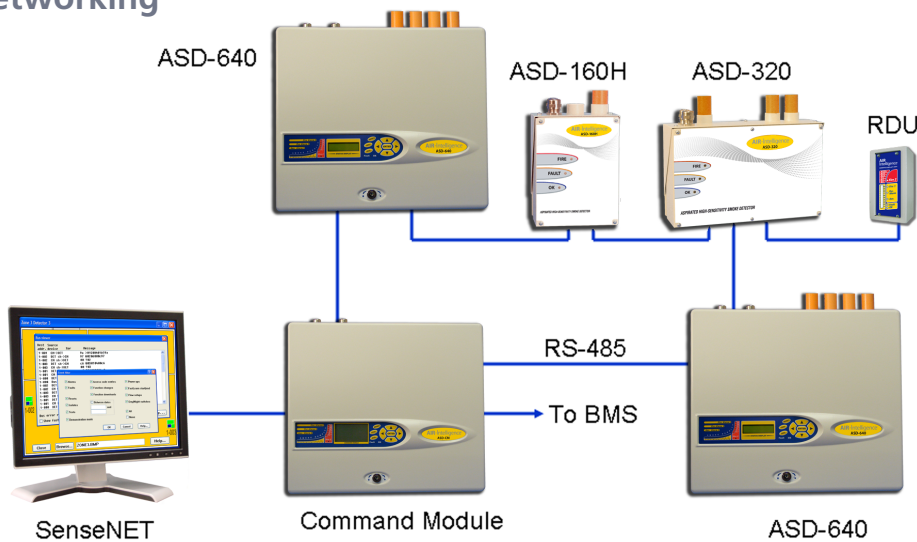
- Network control of 127 detectors.
- RS-485 communications built in as standard for networking and remote communications.
- Built-in Short Isolators for optimum reliability.
- Integral Serial Interface programmable for TAP text messages/paging or BACnet BMS communications.
- RS-232 serial interface for SenseNET PC Graphical Management System.

PC Remote Software

All AIR-Intelligence detectors are supplied with PC remote software, permitting easy system configuration, viewing of event log, diagnostic checking of system and the ability to view ClassiFire Artificial Intelligence in real-time.

Command Module

Networking



Specifications

Model Number	Command Module
Bar-graph Segments	26
Maximum Number of Detectors	127
Maximum Number of RDUs	500
Cable Entries	Six (6) top, Six (6) rear
Interfaces	One (1) RS-232 external One (1) RS-232 internal Two (2) RS-485 (data bus in & out) Two (2) APIC Addressable Loop (loop in & out)
Relay Outputs	One (1) N.O. Fire-1 One (1) N.O. Fire-2 One (1) N.O. Pre Alarm One (1) N.O. Auxiliary One (1) N.C. Fault
Programming	Front panel, PC Local (RS-232) or PC Remote (RS-485 / TCIP)
Supported Languages	English, French, German, Spanish and Swedish
Network Data Bus	RS-485
Maximum Data Bus Length	4,000 ft. between detectors
Supply Voltage	21.6V - 26.4 VDC
Current Consumption	250 mA @ 24 VDC
Operating Temperature Range	ANSI/UL 268: 14° to 100°F (-10° to 38°C) CEA 4022: 14° to 140°F (-10° to 60°C)
Weight	11.5 lbs (5.2 kg)
Size	16.8"W x 14.6"H x 3.7"D 427 mm x 372 mm x 95 mm
Operating Humidity Range	0 - 90% (non-condensing)
Enclosure Protection	IP-50

Applications

- Aircraft Hangars
- Airport Terminals
- Anti-Smoking Enforcement
- Atria
- Cable Tunnels
- Ceiling Voids & Raised Floors
- Cleanrooms
- Coal Conveyers
- Computer Cabinets
- Computer Rooms
- Corrections Facilities
- Electronic Data Processing (EDP) Centers
- Engine Rooms
- Escalators
- Flour Mills
- Food Preparation Areas
- Freezer Warehouses
- Heritage Buildings
- High-End Residential
- Hospitals
- Hotel Lobbies
- Metro Tunnels
- Museums
- Paper Mills
- Record Storage Facilities
- Recycling Centers
- Semiconductor Fabrication
- Telecommunications Facilities
- Textile Areas
- Tobacco Plants
- Warehouses and Distribution Centers
- Wood Recycling

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