FW2601-P

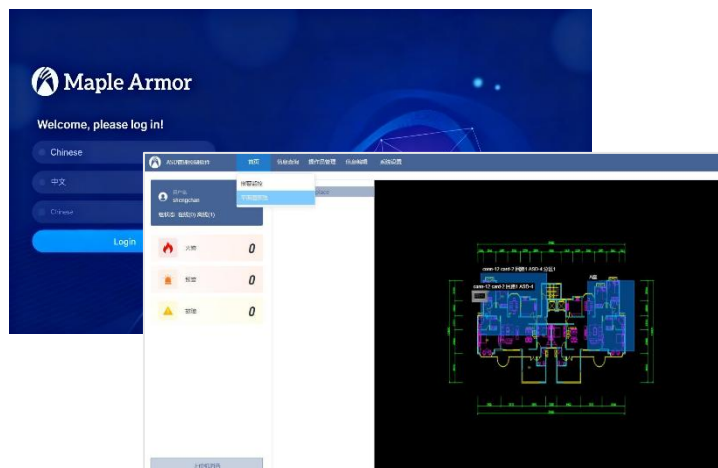## Maple Armor ASD Monitoring and Management System Suite

General Description

FW2601-P: ASD Monitoring Software is the management and control software for aspirating smoke detectors. It mainly enables centralized viewing of detector information and real-time operating status on the host computer. It also supports remote configuration of the detector's working mode, sensitivity level, and alarm threshold. The software requires the FW2352 network card for operation to connect to aspirating smoke detectors.

Features

SS

- View information of all aspirating smoke detectors in the system
- Real-time monitor the operating status of all aspirating smoke detectors in the system, including smoke concentration and air flow value
- Remotely adjust the parameters of aspirating smoke detectors in the system
- When an aspirating smoke detector triggers an alarm, synchronously initiate alerts via window pop-ups, sound alarms and icon flashing, with remote reset function
- Graphically display the precise coverage area and specific alarm zones of devices, supporting vector floor plans
- Record and store historical data, support querying current and historical alarm events (including alarm details, control operations, timestamps and other information), and provide corresponding smoke particle change curves
- Support Class B protocol
- Rockey3 Dongle for authorization

In Package

Communication Interface Card

- Interface between software and ASD network;
- Parallel connection to twisted-pair cable lines;
- Manage up to 400 ASD devices;

Rockey3 Dongle

- Contains the software installation program;
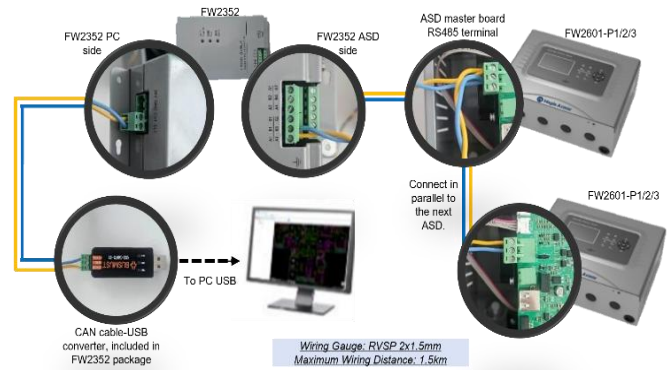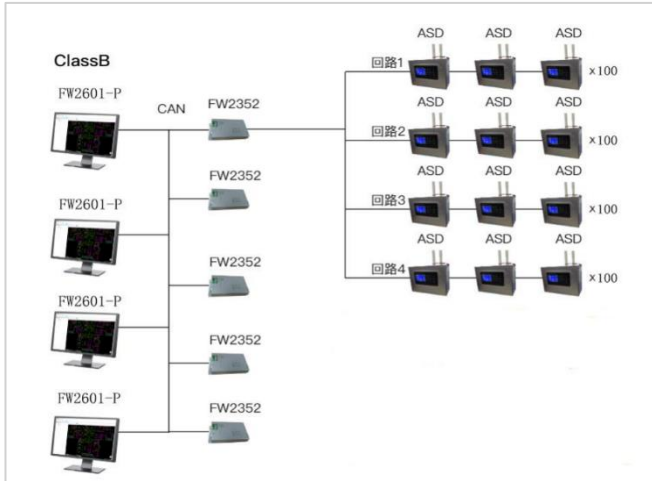- Used for software operation authorization;

CANFD-X1 USB Conversion Interface

- CAN protocol USB conversion interface;
- Used for conversion between FW2352 CAN output and PC;

Installation

The Rockey3 Dongle adopts smart card chip technology. It requires no additional drivers in most scenarios, making software installation and operation on the client PC relatively simple. Insert the Rockey3 Dongle into an available USB port of the client PC, run the software installer, and then launch and operate the software.。

Networking Architecture of Aspirating Smoke Detector (ASD) System Based on Class B Protocol

- **Hierarchical Connection**: Each FW2601-P monitoring terminal connects to the CAN bus via one FW2352 network card;
- **Zonal Management**: Each FW2352 network card corresponds to one "loop". Multiple ASD detectors can be connected under each loop, supporting up to 4 channels (i.e., a total of up to 400 units);
- **Scalability**: The "multiple monitoring terminals + multiple network cards + multiple loops" architecture allows the system to expand the number of detectors in batches, adapting to the needs of large-scale premises;

Wiring

It is recommended to use **RVSP 2×1.5mm shielded twisted-pair cable** to parallel-connect the RS485 terminal of the ASD (to be networked) with the A1B1 terminal of the FW2352. Connect the PC port of the FW2352 to the input terminal of the CANFD-X1. Plug the USB port of the CANFD-X1 into the USB port of the PC. It is advised that the **inter-cable capacitance of the cable should be < 60pf/m**.

* The shielding layer must be connected to the chassis ground of each station to reduce electromagnetic interference. If the stations are not electrically isolated, connect the signal grounds of all stations with wires to form an equipotential, so as to prevent excessive ground potential difference from damaging communication devices.

Compatibility

Maple Armor ASD Models: FW2601-P1；FW2601-P2；FW2601-P4.

Win10/11 PC.

Ordering Information

Model	Ordering Code	Description	UOM	COO	MOQ	MPQ
FW2601-P	FW2601-P	**ASD Networking Kit includes the following items in the package:** -FW2352 Communication Interface Card -Rockey3 Dongle (with the installation program stored on it) -CANFD-X1 USB Conversion Interface	Kit	China	1	1

www.maplearmor.cn, sales@maplearmor.cn