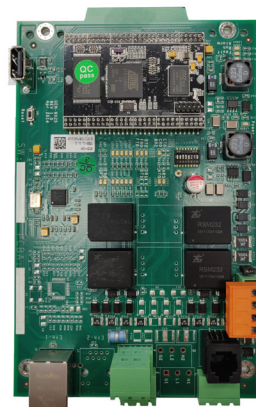


## FEATURES

- ✓ Compatible with FireSense & Notifier 3030 Series Panels
- ✓ Programmable as Inbound (MASTER) or Outbound (SLAVE)
- ✓ Supports MODBUS TCP/IP or MODBUS RTU (RS232/RS485)
- ✓ Site programmable from Windows PC
- ✓ Supports, alarm, pre-alarm, active, trouble & supervisory conditions
- ✓ Gateway is supervised by fire alarm panel

## PRODUCT DESCRIPTION



The N-MODBUS-NUP Gateway provides a communication link between the Notifier NUP networks and inbound or outbound third party Modbus protocol systems.

The N-MODBUS-NUP card occupies one node address on the Notifier NUP Network and can be configured as Inbound (MASTER) or Outbound (SLAVE) using the Windows PC based application provided.

## MASTER MODE

In Master Mode the N-MODBUS-NUP card reads MODBUS packets from a slave system in the form of Coils or Registers. Using the PC Programming utility, the card is configured to map the incoming MODBUS change of state into a NUP event on the network.

(Eg: Card is set to N100. Inbound Coil 1 that goes active triggers an Alarm Condition on the network at address N100L1M1.)

Typical application would be reading data from a DTS unit, a flame detector, an aspirated detection system or other branded fire systems that output MODBUS.

## SLAVE MODE

In Slave Mode the N-MODBUS-NUP card presents MODBUS packets to a third party MASTER in the form of Coils or Registers. Using the PC Programming utility the card is configured to map the change of state on the local NUP network and present this to the third party system.

(Eg: Card is set to N100. There is a 3030 Panel on the network at Node 1: N1L1M1 goes into alarm, N-MODBUS-NUP card presents Coil 1 as going active to third party system.)

Typical application would be presenting data to a BMS system or air handling system, or other branded fire alarm systems which accept inbound MODBUS.

## TECHNICAL SPECIFICATIONS

Power supply	24Vdc
Current consumption	36-40mA @ 24Vdc
Operating temperature	0°C to 49°C

## DIP SWITCH SETTINGS

Bit	On	Off
Dip 1	Not used	Not used
Dip 2	Not used	Not used
Dip 3	Send clear messages on power up	Don't send clear message on power up
Dip 4	Send clear message on network reconnecting	Don't send clear message on network reconnecting
Dip 5	Default IP: 192.168.1.10	IP according to the 'System Configuration' file
Dip 6	Modbus TCP	Modbus RTU
Dip 7	RS232	RS485
Dip 8	Not used	Not used