

730 3-PORT SWITCH

Installation Guide

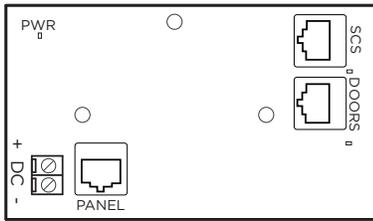


Figure 1: PCB Layout

DESCRIPTION

The Model 730 3-Port Switch provides a separate data network where network-enabled access control devices are installed.

When connected to an XR150/XR550, the 730 isolates two network ports with IP's provided by the premises network.

With the use of a separate router the DOORS network can be configured to an entirely different IP scheme while maintaining communication with the panel. Alarm messages are sent through the premises network to the Central Station SCS-1R or SCS-VR receiver using the SCS network port of the 730.

Access control messages are only sent to a separate network of 734N or 734N-POE Access Control Modules through the DOORS port of the 730.

Compatibility

- XR150/XR550 Series Control Panels
- 734N Wiegand Interface Module

What Is Included?

- Model 730 3-Port Switch
- 357-2 Cat-5 Cable
- Hardware pack

1 INSTALL THE 730

The 730 is designed to easily mount inside the panel enclosure using the standard 3-hole mounting pattern. See Figure 2.

1. Mount the plastic standoffs to the enclosure using the three included Phillips head screws.
2. Insert the screws from the outside of the enclosure through the holes and into the plastic standoff that mounts on the inside of the enclosure.
3. Snap the 730 onto the standoffs.
4. Use 22 AWG wire to connect DC+ on the 730 to terminal 7 on the panel. Connect DC- to panel terminal 10.
5. Connect the 357-2 Cat 5 cable from the Network port on the panel to the PANEL port on the 730.
6. Connect the premises network used for communication to the Central Station to the SCS port on the 730.
7. Connect the 734N network to the DOORS port on the 730.

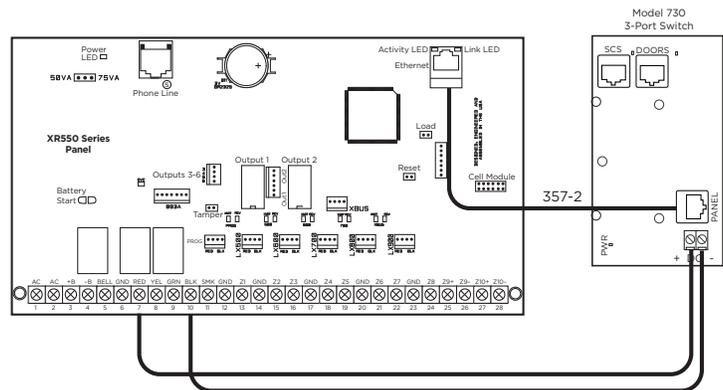


Figure 2: 730 Installation

LED Operation

Next to each port an LED flashes to indicate active network communication.



2 734N NETWORK CONFIGURATION

Customer-Provided IP Address Setup

The 734N network connects to the **DOORS** port of the 730.

The local 734N IP Address must be a unique address on the end-user's network.

The Subnet Mask programming of the 734N must be the same as programmed at Subnet Mask on the XR150/XR550.

The 734N Panel IP Address must be programmed with the address of the XR150/XR550 local IP address.

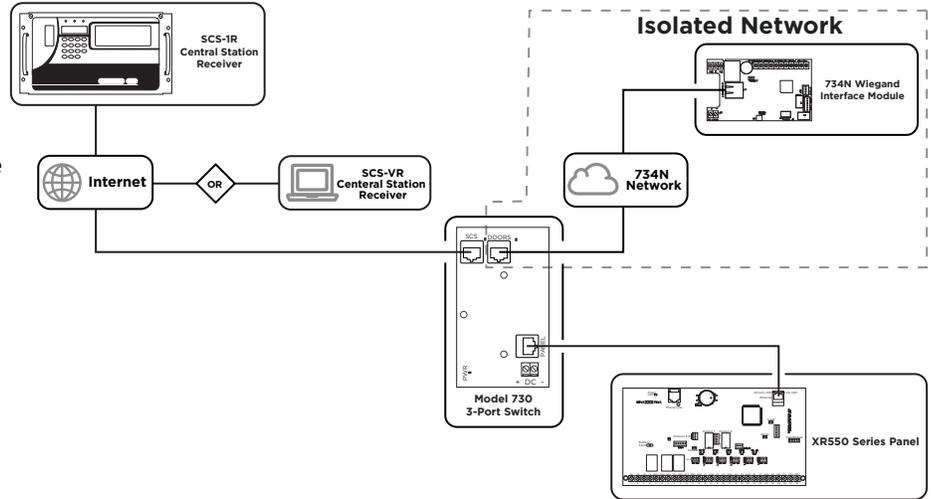


Figure 3: Model 730 Application

Router-Provided IP Address Setup

All the information in Section 2 applies to this configuration.

However, with this configuration, the 734Ns receive their IPs from the router, not from the customer's network. This allows the 734N network to be entirely separate from the customer's network.

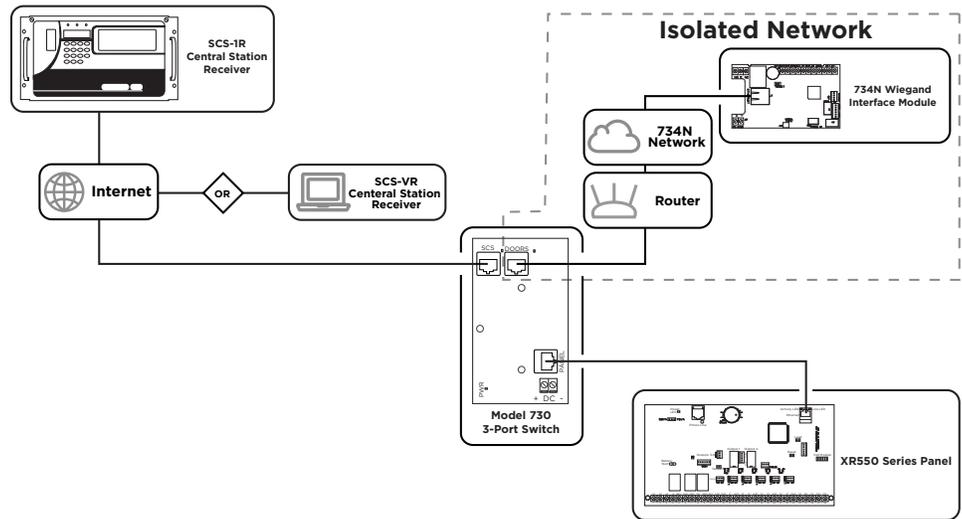


Figure 4: Model 730 Application with Router

730 3-PORT SWITCH Specifications



Power Requirements	
Operating Voltage	12 VDC
Current Draw	80 mA
Dimensions	5" x 3"
SCS Port	10/100 BASE-T
DOORS Port	10/100 BASE-T
PANEL Port	100 BASE-T

Certifications

- FCC Part 15
- ETL Listed ITE Information Technology Equipment
- UL 60950-1



Designed, engineered, and manufactured in Springfield, MO using U.S. and global components.

LT-1280 1.01 21011

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