InView™

INDUSTRIAL MESSAGE DISPLAYS

Quick Start Guide

2706-PENETx2-SC

www.spectrumcontrols.com
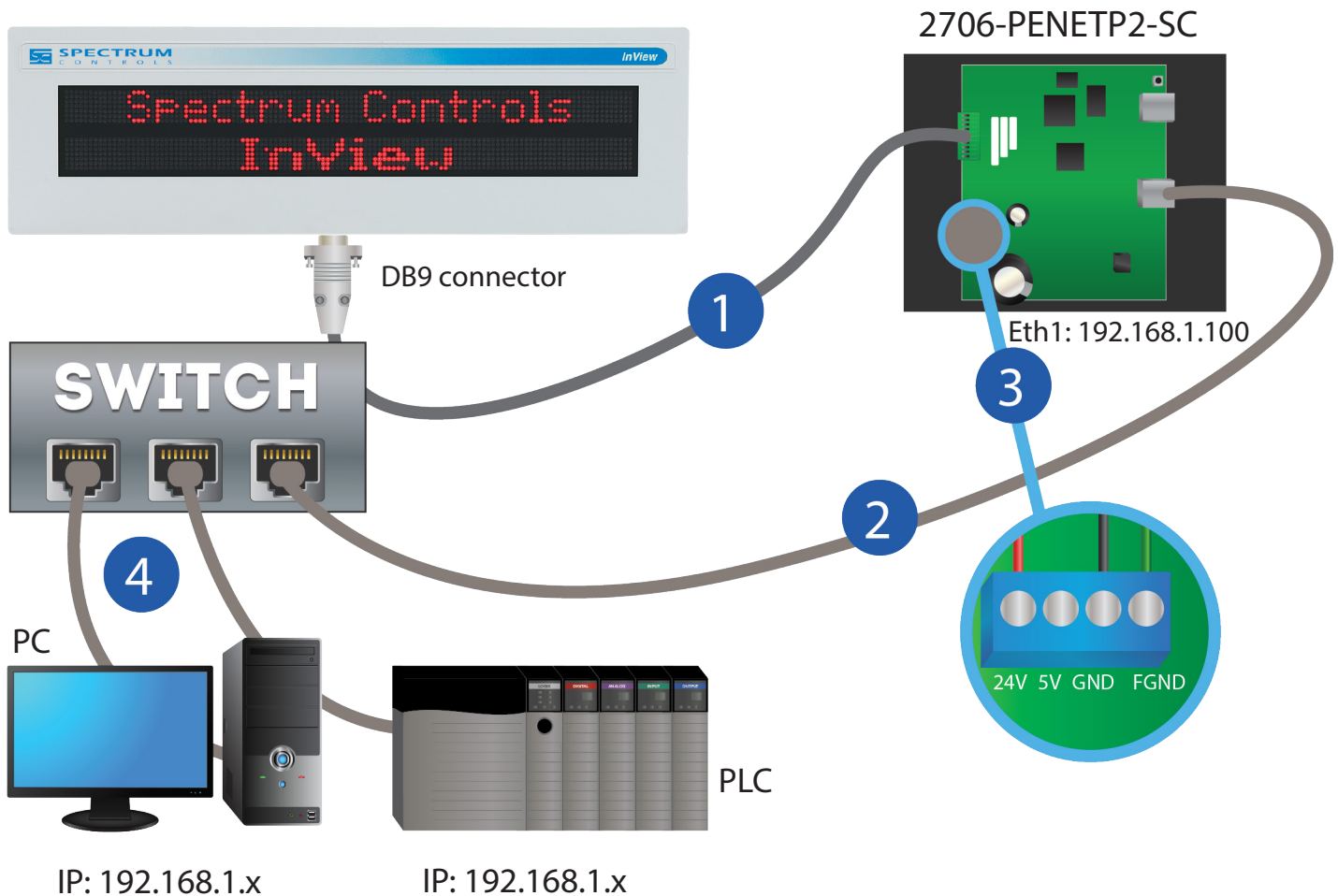
SPECTRUM CONTROLS

Setup for 2706-P22R-SC

Please follow these instructions to setup the P22R display.

2706-PENETP2-SC

DB9 connector

SPECTRUM CONTROLS — InView

Spectrum Controls
InView

1

Eth1: 192.168.1.100

3

SWITCH

2

4

PC

24V 5V GND FGND

PLC

IP: 192.168.1.x

IP: 192.168.1.x

1 Connect the display to the communications module using supplied cable.

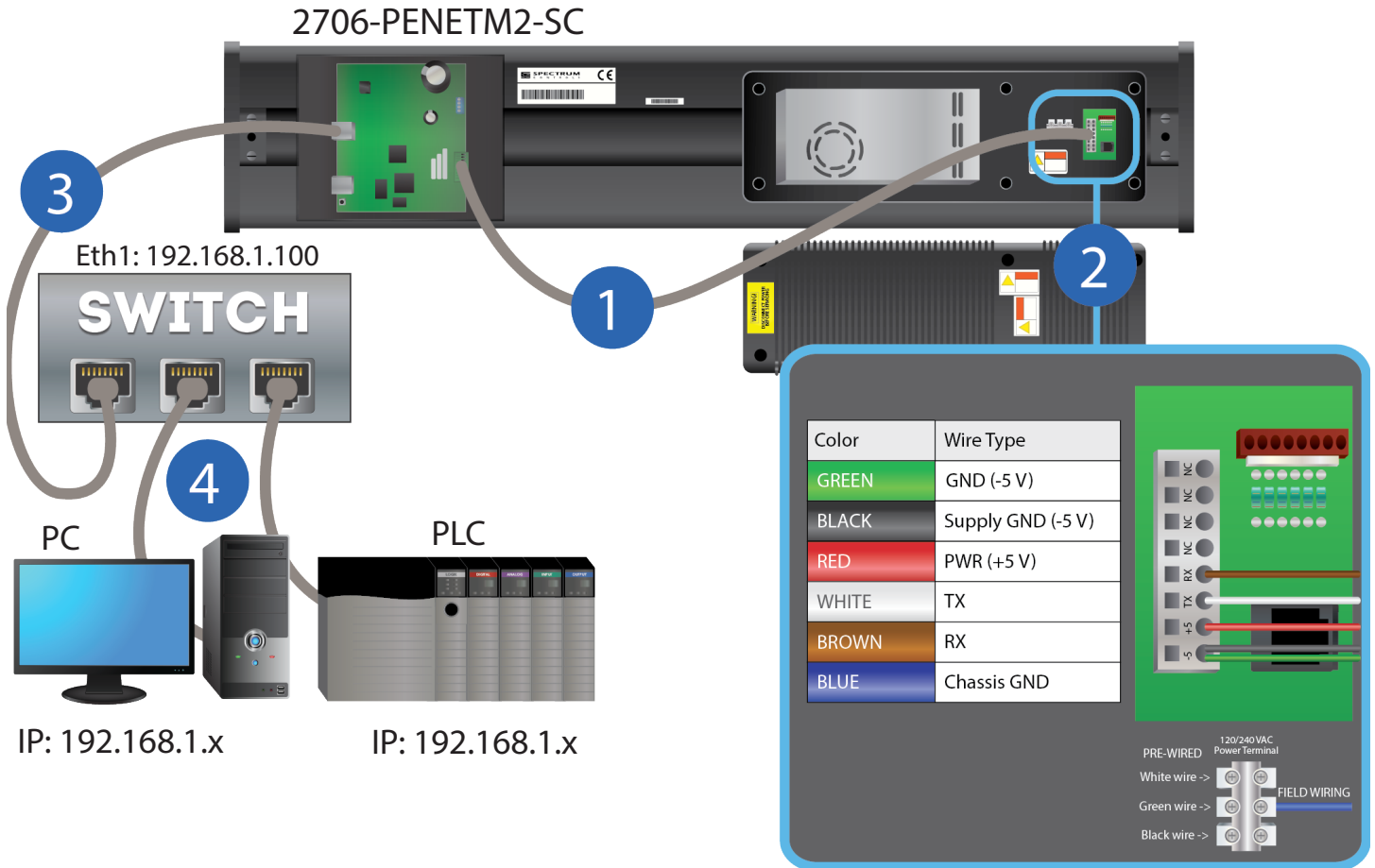**2** With a CAT5 cable, connect the comms module to an unmanaged switch.

3 Connect 24 VDC to comms module.

4 Connect the unmanaged switch to both your PC and PLC with a CAT5 cable.

IMPORTANT – PC & PLC must be in the 192.168.1.x subnet!

SPECTRUM CONTROLS

Setup for 2706-P4x-SC

Please follow these instructions to setup the P4x display.

2706-PENETM2-SC

Eth1: 192.168.1.100

SWITCH

PC

IP: 192.168.1.x

PLC

IP: 192.168.1.x

Color	Wire Type
GREEN	GND (-5 V)
BLACK	Supply GND (-5 V)
RED	PWR (+5 V)
WHITE	TX
BROWN	RX
BLUE	Chassis GND

PRE-WIRED
120/240 VAC Power Terminal
White wire ->
Green wire ->   FIELD WIRING
Black wire ->

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1   Connect the display to the communications module using supplied cable.

2   Wire the comms module as shown in the above wiring diagram.

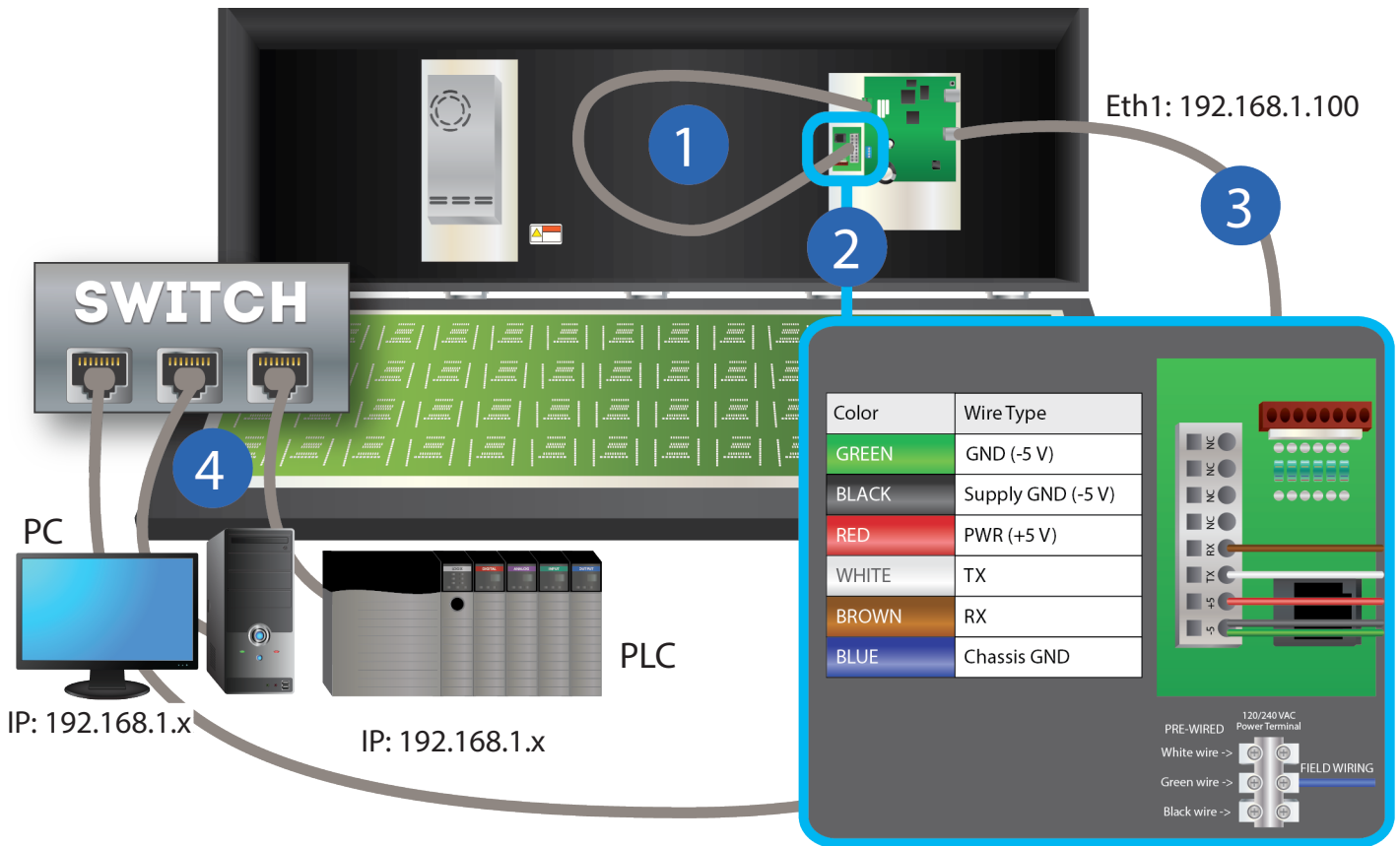**3**   With a CAT5 cable, connect the comms module to an unmanaged switch.

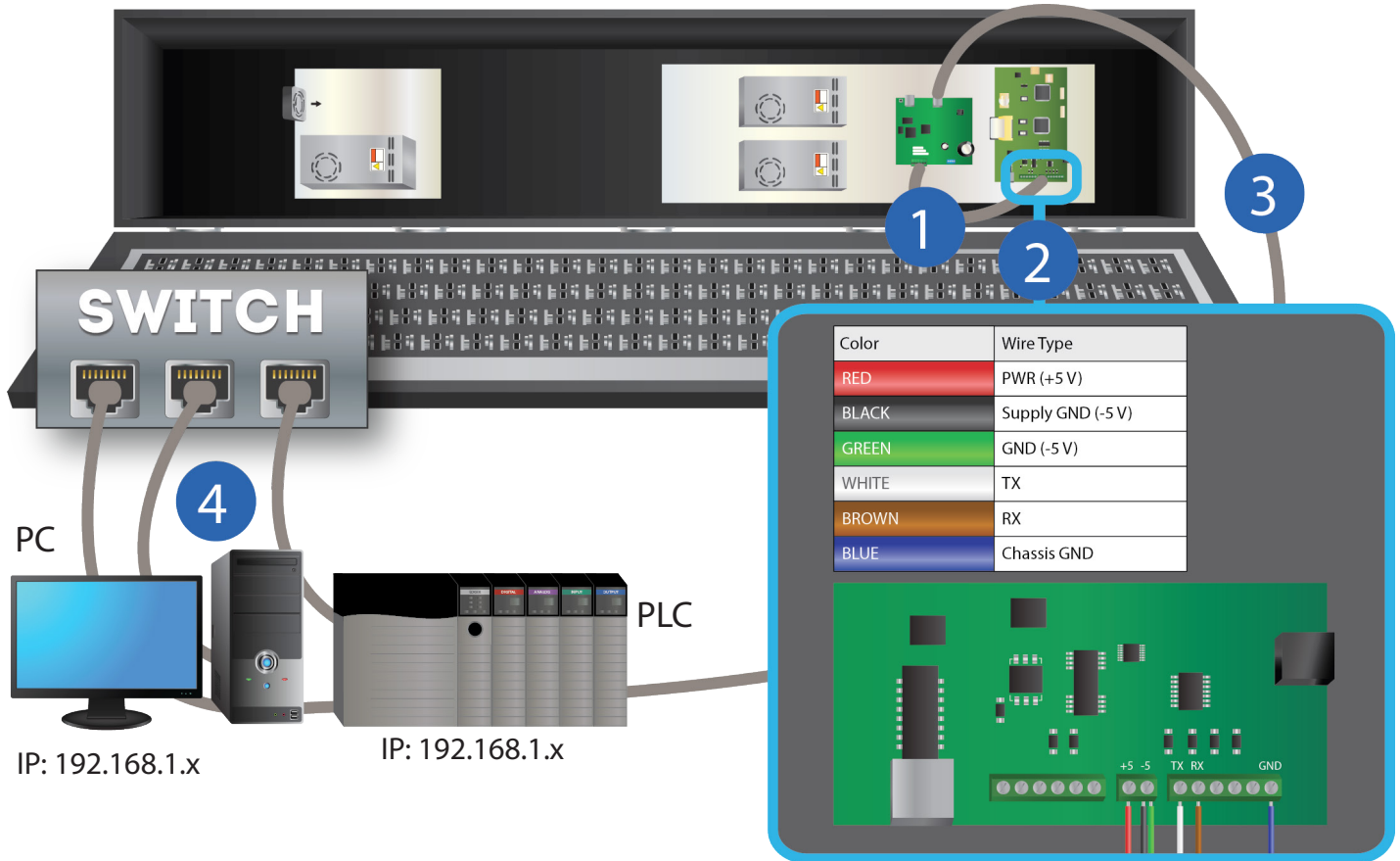**4**   Connect the unmanaged switch to both your PC and PLC with a CAT5 cable.

IMPORTANT – PC & PLC must be in the 192.168.1.x subnet!

SPECTRUM C O N T R O L S

Setup for 2706-P7x-SC

Please follow these instructions to setup the P7x display.

2706-PENETK2-SC

Eth1: 192.168.1.100

Color	Wire Type
GREEN	GND (-5 V)
BLACK	Supply GND (-5 V)
RED	PWR (+5 V)
WHITE	TX
BROWN	RX
BLUE	Chassis GND

PC

IP: 192.168.1.x

PLC

IP: 192.168.1.x

PRE-WIRED 120/240 VAC Power Terminal
White wire ->
Green wire -> FIELD WIRING
Black wire ->

1 Connect the display to the communications module using supplied cable.

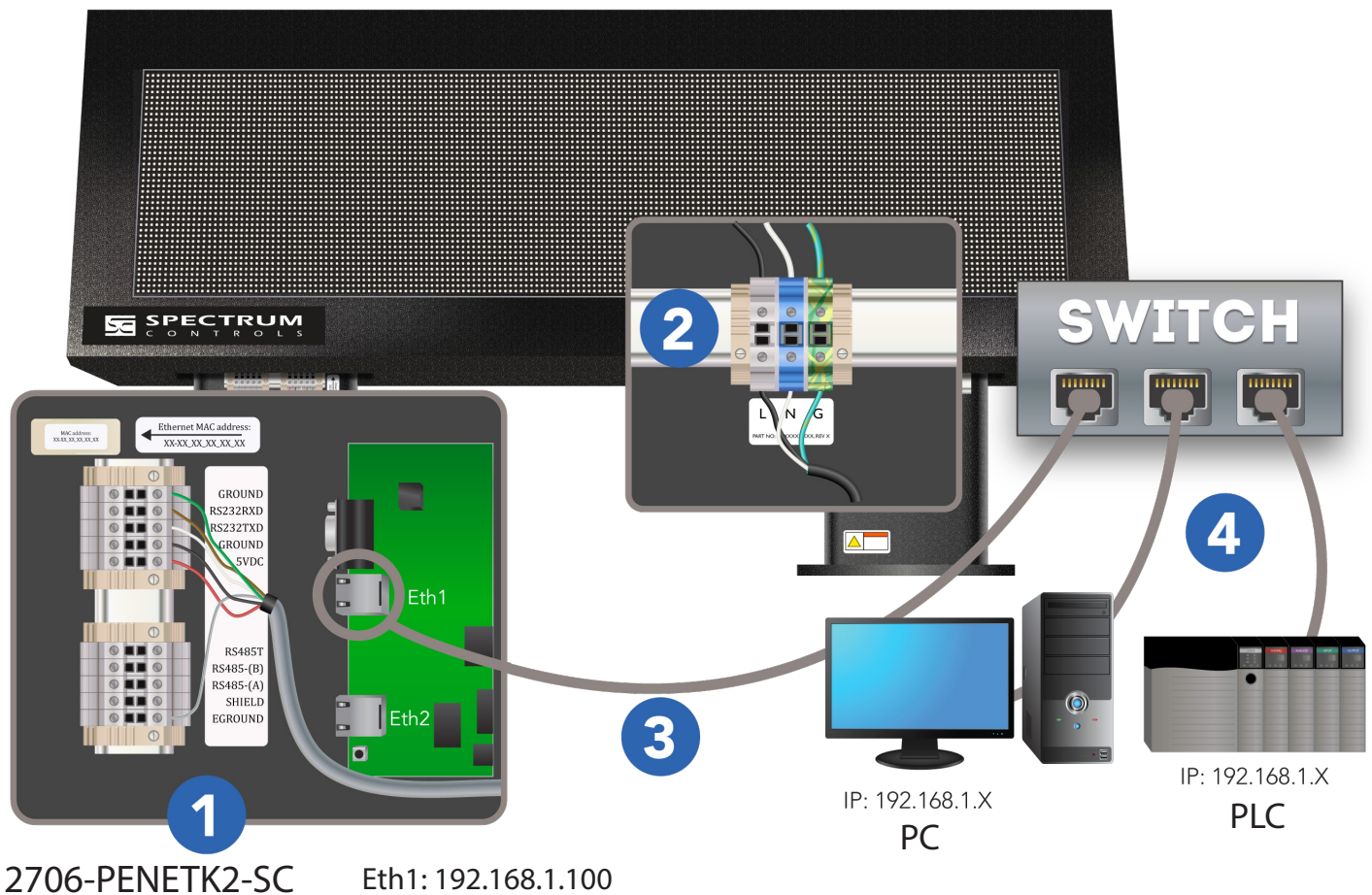**2** Wire the comms module as shown in the above wiring diagram.

3 With a CAT5 cable, connect the comms module to an unmanaged switch.

4 Connect the unmanaged switch to both your PC and PLC with a CAT5 cable.

IMPORTANT – PC & PLC must be in the 192.168.1.x subnet!

SC SPECTRUM CONTROLS

Setup for 2706-P9x-SC

Please follow these instructions to setup the P9x display.

2706-PENETK2-SC   Eth1: 192.168.1.100

SWITCH

Color	Wire Type
RED	PWR (+5 V)
BLACK	Supply GND (-5 V)
GREEN	GND (-5 V)
WHITE	TX
BROWN	RX
BLUE	Chassis GND

+5 -5   TX RX   GND

PC

IP: 192.168.1.x

PLC

IP: 192.168.1.x

1 Connect the display to the communications module using supplied cable.

2 Wire the comms module as shown in the above wiring diagram.

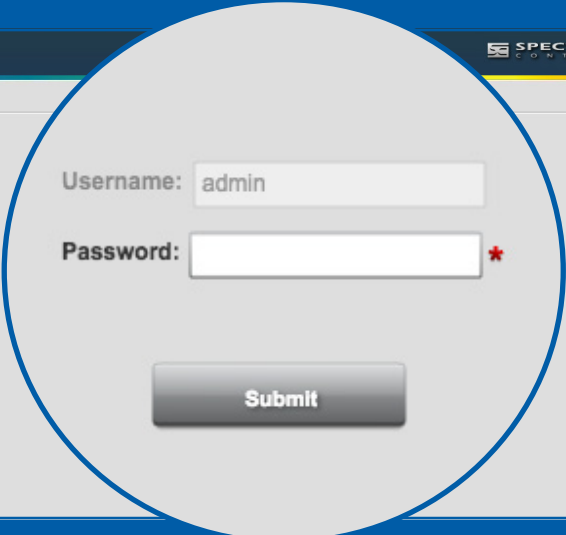**3** With a CAT5 cable, connect the comms module to an unmanaged switch.

4 Connect the unmanaged switch to both your PC and PLC with a CAT5 cable.

IMPORTANT – PC & PLC must be in the 192.168.1.x subnet!

SPECTRUM
CONTROLS

Setup for 2706-P9xC2-SC

Please follow these instructions to setup the P22R display.

2706-PENETK2-SC   Eth1: 192.168.1.100

GROUND
RS232RXD
RS232TXD
GROUND
5VDC

RS485T
RS485-(B)
RS485-(A)
SHIELD
EGROUND

Eth1

Eth2

MAC address:
XX-XX_XX_XX_XX_XX

Ethernet MAC address:
XX-XX_XX_XX_XX_XX

IP: 192.168.1.X
PC

IP: 192.168.1.X
PLC

1	Wire the comms module to the display as shown in the above wiring diagram.
2	Connect power as shown in the above wiring diagram.
3	With CAT5 cable, connect the comms module to an unmanaged switch.
4	Connect the unmanaged switch to both your PC and PLC with CAT5 cable.

IMPORTANT – PC & PLC must be in the 192.168.1.x subnet!

SPECTRUM CONTROLS

Configuration for Comms Module

Please follow these 3 steps to setup the InView communications module.

Step 1 - Login

Open your browser and navigate to "192.168.1.100"

Username: admin
Password: spectrum

Note: You will need to change your PC IP so it's in the same subnet

Step 2 - Network Setup

Open Network Setup

Make sure the Eth1 IP setting matches your PLC network

Eth1 and Eth2 cannot be in the same subnet.

Note: The PC and the PLC must be in the same subnet as the InView Eth1 interface.

Note: Only use Eth1, leave Eth2 set to "DHCP"

SPECTRUM CONTROLS

Step 3 - PLC Setup

(For TCP/IP Passthrough, see below.)

Open PLC

Select your PLC and enter its IP address.

Enter your PLC server tag values.

Check the enable polling box.

Note: Both message and variable tags must exist on the PLC controller.

TCP/IP Passthrough

Open PLC

For TCP/IP passthrough, select "Passthrough" for the Msg Server Type.

Set the TCP Port

For more information, please access the InView context-sensitive online help by clicking on the blue button in the upper right corner of the user interface.

Please visit our website for links to the InView user manual, data sheets, install guides, software guides, and add-on instructions.
www.spectrumcontrols.com/InView.html

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