

# View Net Network Window Controller

The Network Window Controller (NWC) is responsible for delivering power and control to each IGU. It provides the correct voltage to the dynamic glass unit allowing it to change tint states. The NWC also provides a PoE-capable Gigabit Ethernet port that can be used to connect Ethernet-compatible devices such as View Sense.

## Features

- Low voltage output on IGU port
- Fault indication
- Upgradable firmware
- Compact size
- BNC connector for coaxial cable interface
- 1000Base-T PoE port (IX connector), IEEE 802.3af Class 2
- "IP54-rated" ingress protection

## Applications

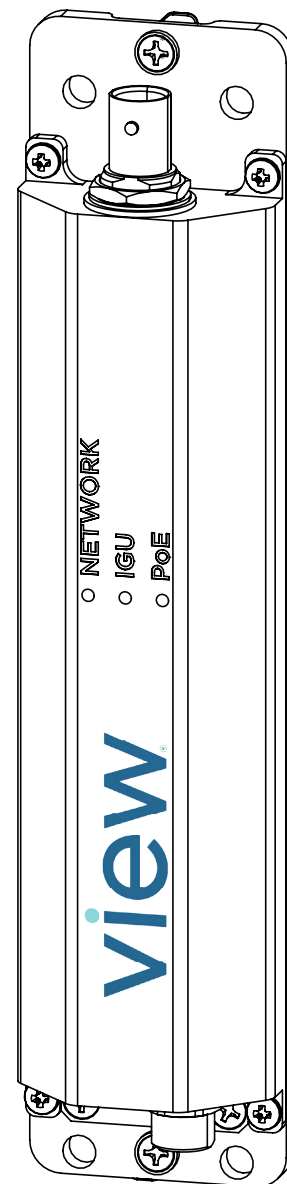
- Controls individual IGUs
- Provides Ethernet connectivity for Sense devices
- Provides Ethernet connectivity for IoT devices

## Installation

- The Network Window Controller should be installed in an interior, accessible and climate-controlled location
- Fits within a typical 2" framing system, ceiling, utility closet or custom enclosure and operates in any orientation
- Estimated <2 minutes to install, including mounting and wiring hookup

## Warranty

The View Network Window Controller carries a warranty for a period of 5 years. Refer to standard warranty terms and conditions for more details.



# Network Window Controller Specifications

Power	
Peak Power	25 W
Input Voltage	36 V - 56 V
Max Input Current	700 mA
Typical Power	3 W (without any device connected to PoE)
Typical Input Voltage	48 V
Typical Input Current	63 mA

Inputs/Outputs	
Network	BNC female
IGU	8mm female, 5 pin
PoE	1000Base-T, IX connector jack

Physical	
Dimensions	1" x 1.63" x 8.0"
Weight	4.0 oz (126 gr)

Environmental	
Operating Temperature	5°C to 40°C
Storage Temperature	-40°C to 65°C
Relative Humidity	0 to 90% non-condensing
Ingress Protection	IP54

Codes and Standards	
Complies With FCC Part 15 Subpart B	
Conforms to Article 725.41 (A) Class 2	

Ordering Information	
Model Number	VN-NWC

