view
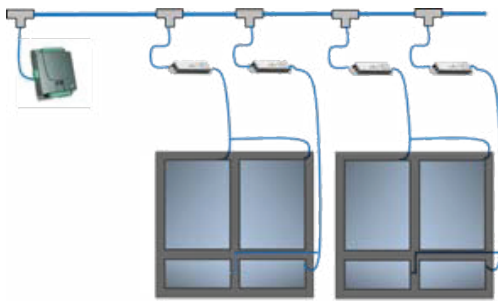
Network controller data sheet
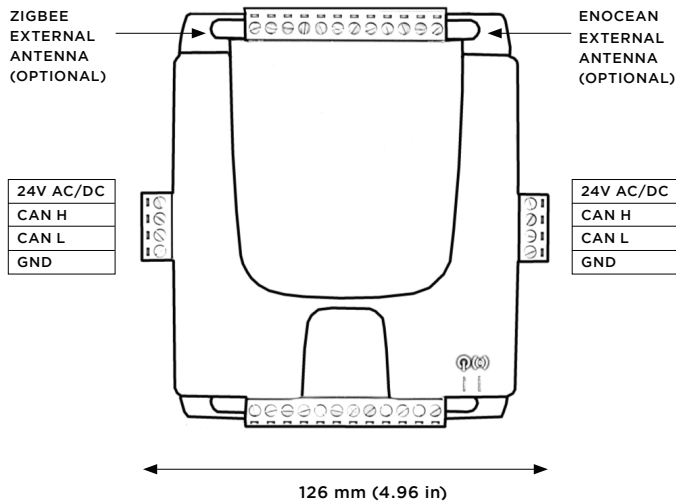

Function

The View Network Controller provides communication to all window controllers.
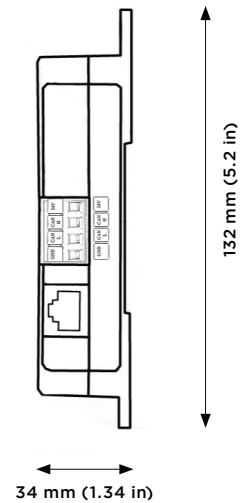
Features

• Control of wired end-devices: RS-485 (Modbus)
• BMS integration: Embedded BACnet IP gateway
• Wireless control of EnOcean end-devices
• Wireless control of ZigBee end-devices

Front view

ZIGBEE EXTERNAL ANTENNA (OPTIONAL)

ENOCEAN EXTERNAL ANTENNA (OPTIONAL)

| 24V AC/DC |
| CAN H |
| CAN L |
| GND |

| 24V AC/DC |
| CAN H |
| CAN L |
| GND |

126 mm (4.96 in)

Side view

132 mm (5.2 in)

34 mm (1.34 in)

Project submittal information

| JOB NAME: | NOTES: |
| JOB NUMBER: | |

1.0

Power

- Voltage: 24 VDC, 3 10%; Class 2
- Typical Consumption: 1.2 W + Output (VDC)

Communication

- ZigBee Pro, EnOcean, BACnet
- CANopen®
- Ethernet (10/100 Mbps)

Enclosure

- Material: Rigid ABS
- Rating: UL940 – 5VA
- Mounting: Din–rail, wall or ceiling mount

Environment

- Operating Temperature: 0°C (32°F) to 60°C (140°F)
- Storage Temperature: –20°C (–4°F) to 60°C (140°F)
- Relative Humidity: 0 to 90% non–condensing

Agency approvals

- Energy Management Equipment, UL 916, Fourth Edition, December 23, 1998, rev. December 18, 2007
- CSA Standard for Signal Equipment C22.2 No. 205–M1983 (R2004)
- CFR47 FCC Part 15, Subpart B:2009
- ICES–003: Issue 4 (2004)

Wired control

- Inputs:
  Quantity: 6 analog
  Voltage: 0 – 10 volt
- Outputs:
  Analog (x4): 0 – 12V
  Relay (x2): 24V, 1.1 Amp per relay

WARRANTY

The View network controller carries a warranty for a period of 5 years from date of delivery by View. Refer to standard warranty terms and conditions for more details.

ORDERING INFORMATION	
Model NC – AH4	EnOcean 315 MHz wire antenna ZigBee internal antenna RS–485
Model NC – CI 4 (NA)	EnOcean 315 MHz external whip antenna ZigBee high + external antenna RS–485
Model NC – DI 4 (EU)	EnOcean 868 MHz external whip antenna ZigBee high + external antenna RS–485
Model NC – 000	Gateway only No EnOcean, wireless No RS –485

Project submittal information

JOB NAME:	NOTES:
JOB NUMBER:	