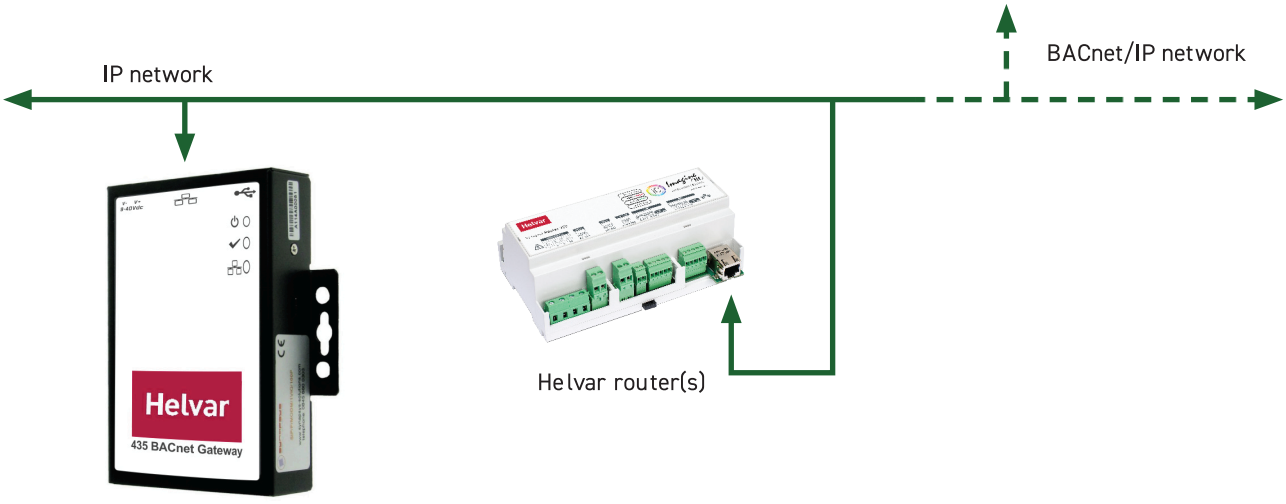
435 BACnet Gateway

The 435 BACnet Gateway provides a simple interface to a Helvar router system and allows lighting system data to appear in a BACnet Building energy Management System.



435 BACnet Gateway

The BACnet Gateway allows a BMS to control and monitor the lighting system as well as obtain device status and group power consumption information. BACnet/IP clients can easily connect with the gateway via a TCP/IP network.

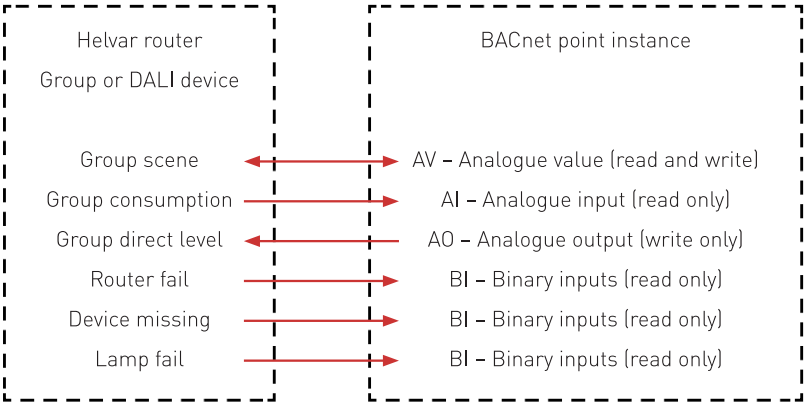
Key Features

- Operates as BACnet server
- Helvar workgroup discovery tool
- Helvar router selector
- Automatic Helvar point identification
- BACnet/IP compatible
- Automatic BACnet instance labelling
- COV (change of value) BACnet feature
- Browser programming interface

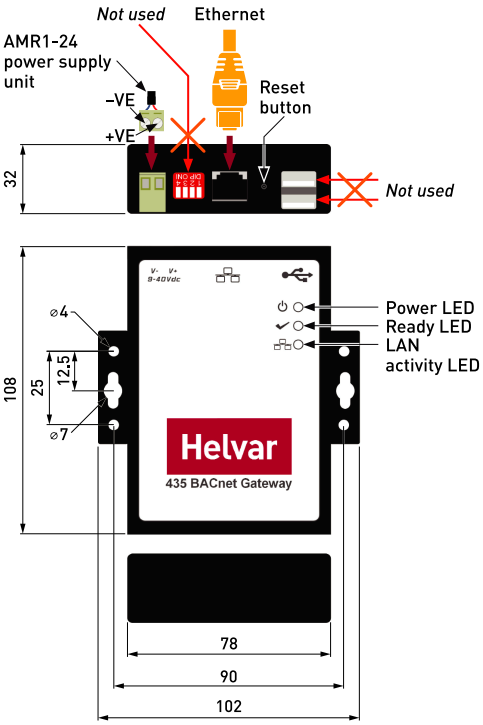
Device Limits

- Single workgroup
- 20 routers
- 300 groups
- 2000 BACnet/IP points

Available Router to BACnet/IP Communication



Connections and Dimensions (mm)



Technical Data

Connections	
Connection type:	1 × 10/100 Mb/s for TCP/IP
Default IP address:	10.254.0.100
Default subnet mask:	255.0.0.0
Power input:	9 VDC – 40 VDC
Power consumption:	300 mA @12 VDC 150 mA @ 24 VDC

Operating and storage conditions	
Ambient temperature:	0 °C to +70 °C
Relative humidity:	Max. 90 %, noncondensing
Storage temperature:	0 °C to +70 °C

Compatibility	
Helvar router firmware:	v5.2 and above
Web browsers:	Firefox (recommended), Chrome, Internet Explorer

Mechanical data	
Dimensions, (including brackets):	78 mm × 108 × 32 mm 102 mm × 108 × 32 mm
Weight, (incl. DIN rail clips:	330 g per unit 410 g shipped
IP rating:	IP30

Conformity and standards	
Conformity:	CE UK CA
EMC emission:	EN 55032 Class A
EMC immunity:	EN 55024
Environment:	Complies with WEEE and RoHS directives.

Order code	
435+AMR1 PSU:	BACnet Gateway with 24 VDC 1A PSU