



CB-240



The CB-240 Honeywell C-Bus to BACnet gateway allows the Honeywell EXCEL 5000® System integration into a BACnet/IP network. As a successor to the older CB-100 model, the CB-240 offers much faster data processing performance. The CB-240 gateway converts C-Bus data points into the BACnet point objects and transforms the C-Bus attributes into the BACnet properties. On the BACnet side, the whole C-Bus appears as one BACnet device. The CB-240 gateway monitors the C-Bus alarm events using the event enrollment object and passes the alarms to the BACnet notification event recipients. The CB-240 gateway provides the web interface for the C-Bus Time Program editing. Device and point discovery allows the integration of sites where no detailed information about the C-Bus installation is available. Gateway commissioning is done via integrated web browser, you do not have to install any legacy management tools. The CB-240 gateway is delivered in the DIN rail enclosure.

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Part numbers

NCBGW1000
C-Bus / BACnet Gateway
including 1000 data points
license

NCBGW2500
C-Bus / BACnet Gateway
including 2500 data points
license

NGW100P
Additional 100 data points
license

Honeywell C-Bus to BACnet Gateway

KEY FEATURES

Supports BACnet/IP, revision 19

Built-In web browser, no legacy commissioning tools required

Scalable solution up to 5000 data points and 29 C-Bus devices per gateway

Reading and writing of DDC data points. Supported are the following types:

- digital input, digital output
- analog input, analog output
- pseudo (virtual) analog and digital
- totalizer (slow and fast)
- pulse
- multistate

Support for C-Bus speed up to 76800 bps

Support for reading and writing of extended attributes

Compatibility with the Excel 5000® family (XL50, XL80, XL100, XL500, XL600, XL800 and Zone Manager)

Device and point discovery

Can act as BACnet BBMD router and supports Foreign Device Registration (FDR)

Notification events for alarm export

Time Program editor for Daily, Weekly and Yearly (Daily Maintenance) Schedules

Date/Time synchronization

Enables parallel operation with the Honeywell stations (EBI, SymmetrE, XBS, ...)

64-bit Cortex-A72 (ARM v8) processor, 1.5 GHz, 2GB RAM, 8GB eMMC