

CB-100



The **CB-100** Honeywell C-Bus to BACnet gateway allows a Honeywell EXCEL 5000® System integration into a BACnet/IP network. The CB-100 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-100 gateway monitors the C-Bus alarm events using the enrollment object and passes the alarms to the notification class recipients. The CB-100 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. To commission the gateway, you need only a web browser, and you do not have to install any legacy management tools.

The CB-100 gateway is manufactured in the EU and delivered in the DIN rail enclosure.

Technical data

Max. number of C-Bus controllers	29
Max number of C-Bus data points	2950
Default C-Bus address	29
Default IP address	192.168.1.222
Ethernet connection	10/100Base-T(X), RJ-45
Power supply	24Vdc, 0.6 A
Temperature range	-10 ... +60 °C
Housing	DIN rail enclosure
Mounting dimensions (L x W x H)	212 x 90 x 60 mm 83.5 x 3.5 x 2.4 inch

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Part numbers

NCBGWBAC
C-Bus / BACnet Gateway
including 255 data points license

NCB100P
Additional 100 data points license

KEY FEATURES

Supports BACnet/IP, revision 19

Commissioning in the Web browser,
no legacy tools required

The scalable solution up to 2950 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

Notification class 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, ...)