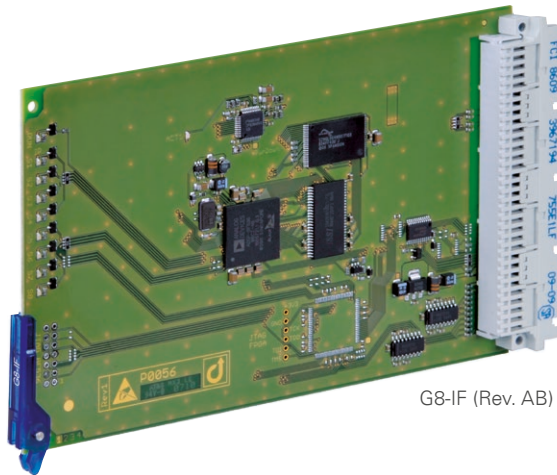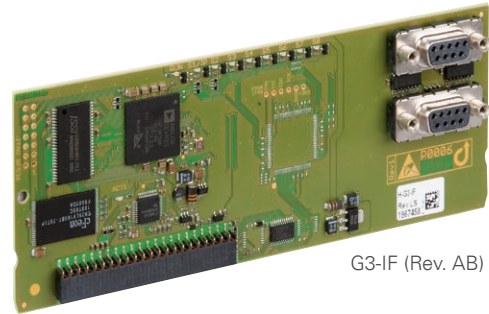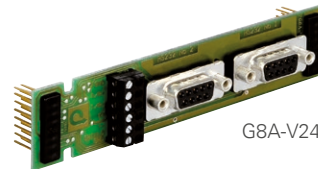# G8-IF | G3-IF

IP/RS-232 interface cards

G8-IF (Rev. AB)

G3-IF (Rev. AB)

G8A-V24

| Fully IP-based | RS-232 | Easy integration | Intercom integration |

Versatile connectivity

Using the IP interface cards G8-IF and G3-IF, external systems (e.g. access control, video and radio system) can be connected to the Intercom Servers GE 800 and GE 300 via an IP network or RS-232 according to the Commend standard protocol.
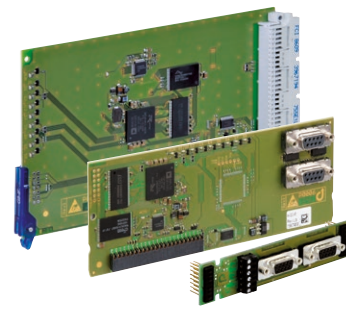
Features and highlights

– **G8-IF (Rev. AB)**
IP interface card with up to four connections for the output of ICX protocol via IP networks and two 9-pin D-Submin RS-232 connectors.

– **L8-IF-ICX**
Licence upgrade for one ICX connection (up to six possible). Can be used for IP network or RS-232.

– **G8A-V24**
Installation board for interface card G8-IF with two 9-pin D-Sub RS-232 jacks (included in extent of supply of G8-IF).

– **G3-IF (Rev. AB)**
IP interface card with up to four connections for the output of the ICX protocol via IP networks and two 9-pin D-Submin RS-232 connectors.

– **L3-IF-ICX**
Licence upgrade for one ICX connection (up to six possible). Can be used for IP network or RS-232.

G8-IF | G3-IF DATA SHEET V2.2/0623
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G8-IF | G3-IF
Technical specifications

Technical data

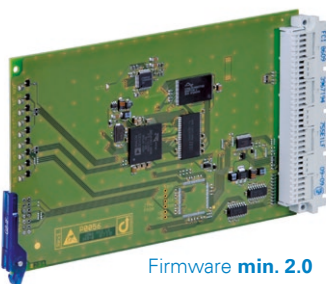|	
Operating temperature range:	–0 °C to +50 °C (32 °F to +122 °F)
Storage temperature range:	–30 °C to +60 °C (–22 °F to +140 °F)
Relative humidity:	20% to 80%
Power supply:	from Intercom Server
Emergency power consumption:	50 mAh
IP protocols:	TCP/IP
RS-232 protocols:	PC02 protocol, other protocols can be loaded via the Intercom Server
Dimensions:	G8-IF: 100 x 167 mm (3.94 x 6.58 in) G3-IF: 60 x 160 mm (2.36 x 6.30 in)
Weight incl. packaging:	G8-IF: 250 g (0.55 lbs) G3-IF: 150 g (0.33 lbs)

Benefits

– IP and RS-232 interface card
– Suitable for Intercom Servers GE 800 and GE 300
– For integration of video switchers, radio systems, etc.
– Interface cards with standard protocol for connection of third-party systems, e.g. video switchers or host computers
– Equipped with two RS-232 jacks

Extent of supply

G8-IF
– Interface card G8-IF
– Installation board G8A-V24
– Short reference

G3-IF
– Ethernet interface card G8-IF
– Short reference

System requirements

GE 800
– Recommended Intercom Server software: PRO 800 version 6.4
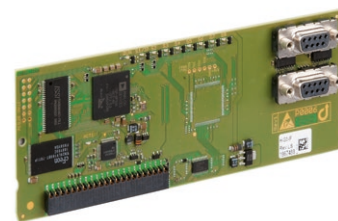– Recommended configuration software: CCT 800 version 13.1

GE 300
– Recommended Intercom Server software: PRO 800 version 6.4
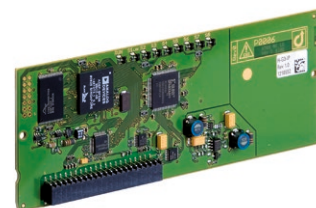– Recommended configuration software: CCT 800 version 13.1

Gx-IF (Rev. AB)
– Recommended firmware: version 3.2 build 4

Revisions

G8-IF (Rev. AB)

Firmware **min. 2.0**

G3-IF (Rev. AB)

Firmware **min. 2.0**

G8-IF (Rev. AA)

Firmware **1.x**

G3-IF (Rev. AA)

Firmware **1.x**

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G8-IF | G3-IF
Installation instructions

Safety instructions

– ESD precautions must be observed.
– Cards may be exchanged only with voltage switched off.
– Mounting and installation of the Intercom Servers and of the accessoires may be carried out by authorised service personnel only.

Connection G8A-NET

– The card G8-IF does not require an installation board for IP connections. Communication is carried out via the Ethernet ports of the installation board G8A-NET of the G8-NET card.
– For connection of the RS-232 interface, the installation board G8A-V24 must be used.

Licences G8-IF

– The G8-IF card has up to four virtual TCP/IP interfaces and two RS-232 interfaces, which can be licenced as described below.
– Without a L8-IF-ICX licence, the G8-IF card can only be used for CCT 800 and ComLOG configuration.
– The L8-IF-ICX licence can be activated on any connection.

Example of licencing
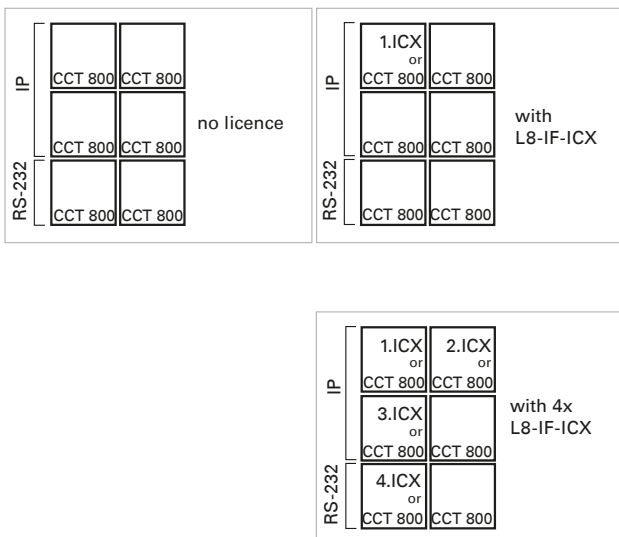
Installation instructions

G8-IF
– In an Intercom Server GE 800, the card can be installed in the slots 1–14 (a maximum of 14 interface cards per housing).
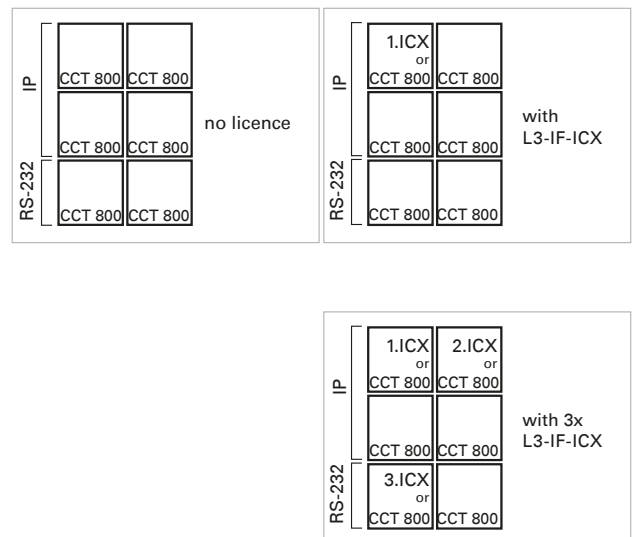
G3-IF
– In an Intercom Server GE 300, the card can be installed in the slots 1–10 (interface housing GEZ 300 required, a maximum of 10 cards).
– When using a standard RS-232 plug, it is recommended to install the card in slot 1 or 6 (due to lack of space).

Licences G3-IF

– The G3-IF card has up to four virtual TCP/IP interfaces and two RS-232 interfaces, which can be licenced as described below.
– Without a L3-IF-ICX licence, the G3-IF card can only be used for CCT 800 and ComLOG configuration.
– The L3-IF-ICX licence can be activated on any connection.

Example of licencing

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