

1 DXC 04 CONTROLLER

FOR INTRON-D PLUS

The 1 DXC 04 is the controller of the INTRON-D *plus* system from INDUSTRONIC. It is used for carrying out all functions according to the stored configuration file as well as for data exchange between connected digital/analog line cards and terminal devices.

An internal audio processing function enables the playback of up to 1,000 tones and texts. There is a memory space of 500 MB for audio files available which can be activated.

You can connect up to 250 INDUSTRONIC controllers. The controllers and IP-based intercom stations can be connected via the integrated Ethernet interfaces.



- Connection of up to 192 digital or analog intercom stations
- Addressing of up to 200 IP-based intercom stations
- Addressing of up to 65,000 stations, speaker circuits, etc.
- Switching of up to 200 simultaneous communication channels
- Internal audio processing function (IAP)
- IP-based system interconnection via integrated Ethernet interfaces
- LEDs to indicate operation, data transmission and errors

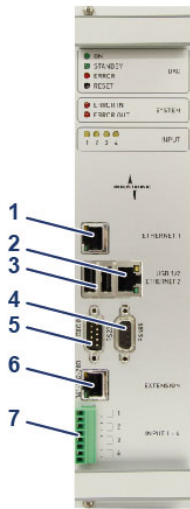
ADDITIONAL FEATURES

- Storing of configuration data on Compact Flash card
- Uploading and downloading of configuration data via Ethernet
- Extensive diagnostic functions
- Monitoring and evaluation of up to 5 discrete inputs
- Watchdog monitoring and reset key
- Output with break contact to indicate failures
- Transmission of digitized AF signals between controller and line cards with 2 MBit/s
- Effective HDLC interfaces for communication with system components
- Maintenance and service via web interface
- Redundant operation with 2 controller

MECHANICAL DATA

| | |
|-------------------------------|---------------------------------|
| Height x depth | 233 mm x 160 mm (9.17" x 6.30") |
| Dimensions of the front plate | 6 RU, 12 HP |
| Weight | Approx. 1 kg (approx. 2.20 lbs) |

FRONT



| | |
|---|---|
| 1 | Ethernet interface 1 |
| 2 | Ethernet interface 2 |
| 3 | 2 x USB 2.0 for service |
| 4 | 1 x RS485 |
| 5 | 1 x RS232 |
| 6 | 1 x RJ45 |
| 7 | 4 x separate discrete inputs (36 V DC bis 72 V DC) |

ELECTIRCAL DATA

| | |
|----------------------------|--|
| Interfaces | 2 x Ethernet 10/100Mbit/s, 2 x USB 2.0, 1 x RS232, 1 x RS485, 1 x extension port RJ45, 4 x analog control line inputs |
| Operating system | LINUX |
| Processor | 1.75 GHz dual-core processor |
| Main memory | 4 GB RAM |
| Flash memory | 4 GB Compact Flash card |
| Current consumption | Max. 2.5 A at 5 V |

ENVIRONMENTAL REQUIREMENTS AND STANDARDS

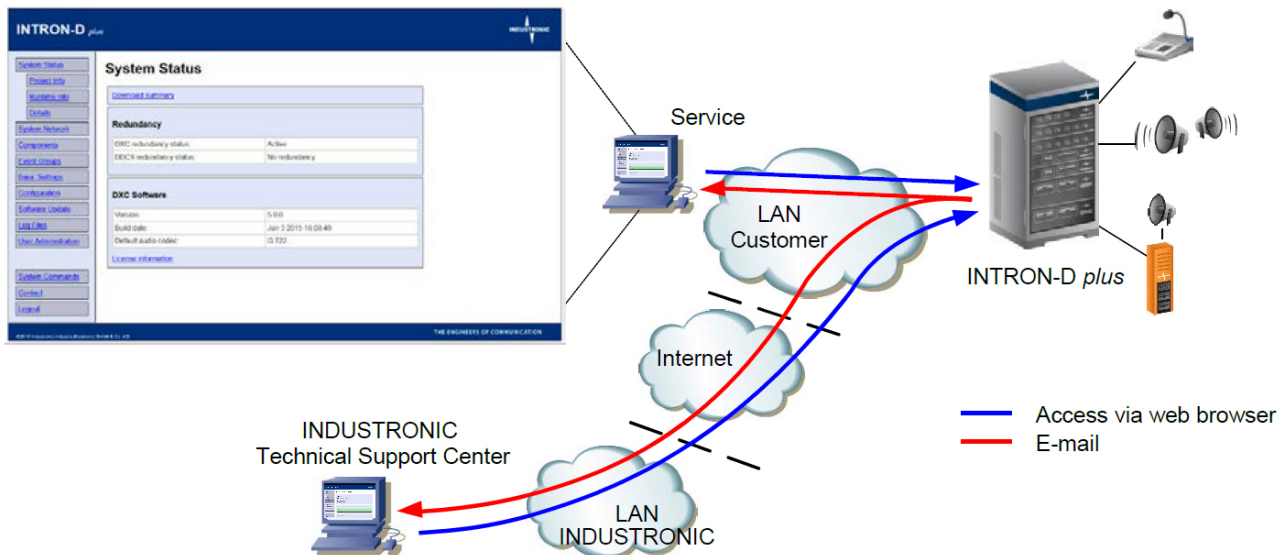
| | |
|---|---------------------------------------|
| Ambient temperature during operation | 0 °C to +50 °C (+32 °F to +122 °F) |
| Relative humidity (non-condensing) | Max. 95 % |
| EMC | IEC/EN 61000-6-2, IEC/EN 61000-6-4 |

ORDER DATA

| | |
|--------------------|-------------|
| Type Number | 341-702-200 |
|--------------------|-------------|

WEBINTERFACE

The integrated web interface allows users to easily manage the INTRON-D *plus* system. Access is possible using any mainstream web browser which works as a standard application on a work station in the 100Base-T Ethernet network.



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