

# DICENTIS discussion Extended

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**BOSCH**  
Invented for life



- ▶ 4.3 inch capacitive touch screen and built-in NFC reader for fast recognition of participants
- ▶ Configurable as a single participant, dual-use, or chairperson's device
- ▶ Functionality can be conveniently expanded with software modules

DICENTIS incorporates several standardized technologies that have been combined to create an open platform. Complete system solutions can be created by simply integrating compatible products. This makes DICENTIS extremely scalable, enabling it to evolve with the growing needs of meeting and conference facilities. At its heart, the DICENTIS Conference System makes use of the unique IP based OMNEO media networking architecture, developed by Bosch.

The elegantly designed DICENTIS discussion devices enable participants to speak, register a request to speak, and listen to discussion.

The DICENTIS discussion Extended has a 4.3 inch touch screen and is completely software upgradable. It has lots of features including independent dual-use for language selection and voting. A simple software setting enables two participants to share a device and listen to proceeding in two different languages. Separate votes can also be cast on a shared device. The 4.3 inch capacitive touch screen informs participants of the proceedings and increases meeting efficiency by displaying the current speaker and delegates in the request list. Available translations and voting information can also be displayed.

## Functions

### General

- Single-use and chairperson can be configured via the PC configuration software application.
- 4.3 inch capacitive multi-touch screen for displaying:
  - Multiple user interface languages in original characters.
  - Speaker list and Request list.
- Built-in Near Field Communication (NFC) contactless tag reader.
- Additional functionality by use of software licenses only.
  - Identification functionality.
  - Voting.
  - Select language.
  - Dual use.
- Audio mute button.
- Supports star and loop-through connection.

### Speech intelligibility

- Crystal-clear sound due to a very high signal-to-noise ratio.
- Maximum speech intelligibility is guaranteed.
- The loudspeaker and microphone can be active at the same time to facilitate a face-to-face meeting experience. A feedback suppressor is built in to prevent acoustic feedback.

**Security**

- Encryption ensures that information within the system remains confidential.

**Microphones**

- A socket is provided to connect the pluggable microphones DCNM-HDMIC, DCNM-MICS or DCNM-MICL (to be ordered separately).

**Headphones and loudspeakers**

The device has a headphone connection and independent volume control (on both sides of the device), so the speaker can be heard clearly even when there is excessive background noise.

**Controls and Indicators**

Top side of device:

- 4.3 inch capacitive display with touch screen.
- Microphone with a red or green indicator:
  - Red indicates that the microphone is active.
  - Green indicates that a request-to-speak is accepted.
- LED indicators on device showing:
  - Microphone on state – Red.
  - Possible-to-speak – White.
  - Priority – White (Chairperson only).
  - Request-to-speak – Green.

Left and right-hand side of the device:

- Rotary controls for independent headphone volume control.

**Interconnections**

- Socket for pluggable microphone.
- Two 3.5 mm (0.14 in) headphone sockets stereo jack type.
- 2x RJ45 compatible connection for system communication and power.
- Hot Plug-and-play.

**Parts included**

Quantity	Components
1	DCNM-DE DICENTIS discussion Extended

**Technical specifications****Electrical**

Supply voltage	48 VDC
Power consumption	5 W
Frequency response	100 Hz to 20 kHz (-3 dB at nominal level)
THD at nominal level	< 0.1 %
Dynamic range	> 90 dB
Signal-to-noise ratio	> 90 dB

**Audio inputs**

Nominal microphone input	80 dB SPL according IEC60914
Maximum microphone input	110 dB SPL according IEC60914

**Audio outputs**

Loudspeaker nominal output	72 dB SPL at 0.5 m
Loudspeaker maximum output	87 dB SPL
Headphone nominal output	0 dBV
Headphone maximum output	3 dBV
Headphone load impedance	> 32 ohm < 1k ohm
Headphone output power	65 mW

**General**

Screen size	109.22 mm (4.3 in)
Screen type	Capacitive multi-touch
Supported contactless NFC tag	According to: ISO/IEC14443 Type A (from 106 kbps to 848 kbps. MIFARE 106kbps).

**Mechanical**

Mounting	Tabletop
Dimensions (H x W x D) without microphone	72 x 259 x 139 mm (2.8 x 10.2 x 5.5 in)
Color (top and base)	Traffic black (RAL 9017)
Weight	Approx. 1035 g (2.3 lb)

**Environmental**

Operating temperature	5 °C to +45 °C (41 °F to +113 °F)
Storage and transport temperature	-30 °C to +70 °C (-22 °F to +158 °F)
Relative humidity	< 90 %, > 5%

**Ordering information****DICENTIS discussion Extended**

DICENTIS discussion Extended device with 4.3 inch touch screen and NFC identification reader. Choice of pluggable microphone to be ordered separately.

Order number **DCNM-DE**

**Accessories****DICENTIS High Directive Microphone**

DICENTIS High Directive Microphone for the DICENTIS Conference System or DICENTIS Wireless Conference System.

Order number **DCNM-HDMIC**

**DICENTIS Short Stem Microphone**

DICENTIS short stem microphone for the DICENTIS Conference System or DICENTIS Wireless Conference System.

Order number **DCNM-MICS**

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**DICENTIS Long Stem Microphone**

DICENTIS long stem microphone for the DICENTIS Conference System or DICENTIS Wireless Conference System.

Order number **DCNM-MICL**

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**DICENTIS Transport Case for 8 XD**

Transport Case for storing and transporting 8 DICENTIS devices, 8 high directive microphones (DCNM-HDMIC), 8 short or long Stem Microphones (DCNM-MICS/L), and one Wireless Access Point (DCNM-WAP), if applicable.

Order number **DCN-TCO**

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**ACD-MFC-ISO 50/each**

MIFARE Classic ID card with 1 kByte data storage, 2 application areas, one of which can be customized.

Packing information: 50 cards/ each unit

Order number **ACD-MFC-ISO**

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**ACD-EV1-ISO 50/each**

Mifare DESFire EV1 ID card with 8 kByte data storage, 2 application areas, one of which can be customized.

Packing information: 50 cards/ each unit

Order number **ACD-EV1-ISO**

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**Software Options**

**DICENTIS Select Language at Seat**

The DICENTIS Select Language at Seat license enables the language selection feature of the DICENTIS multimedia, Extended Device. Requires system license DCNM-LSYS.

Order number **DCNM-LSSL**

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**DICENTIS Voting at Seat**

DICENTIS software license for enabling voting at seat in the DICENTIS multimedia, DICENTIS discussion Extended, and DICENTIS wireless Extended.

Order number **DCNM-LSVT**

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**DICENTIS Identification at Seat**

DICENTIS software license for enabling identification at seat in the DICENTIS discussion Voting, DICENTIS discussion Language, DICENTIS discussion Extended, DICENTIS multimedia Device, and DICENTIS wireless Extended.

Order number **DCNM-LSID**

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**DICENTIS Dual Use at Seat**

DICENTIS software license for enabling dual-use at seat in the DICENTIS discussion Basic, DICENTIS discussion Language, DICENTIS discussion Extended, and DICENTIS wireless Extended.

Order number **DCNM-LSDU**

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