

DCNM-DE Discussion device with touchscreen

DICENTIS



- ▶ 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 with touchscreen 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 interpreted languages and voting information can also be displayed.

Functions

General

- Single-use, dual-use and chairperson can be configured via the PC configuration software application.

- 4.3 inch capacitive multi-touchscreen for displaying:
 - Multiple user interface languages in original characters.
 - Speaker list and Request list.
 - Speech countdown timer.
 - Custom logo.
 - Built-in Near Field Communication (NFC) contactless tag reader.
 - Additional functionality by use of the Premium or Ultimate licenses only.
 - Identification functionality.
 - Voting.
 - Select language.
 - Audio mute button.
 - Supports star and loop-through connection.
 - Different voting options:
 - Present button
 - For / A
 - Against / B
 - Abstain / C
 - DNPV / D
- 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 touchscreen.
- 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.

Installation/configuration notes

This is a professional product that should be installed, used and maintained by trained professionals only.

Parts included

Quantity	Component
1	DCNM-DE DICENTIS Discussion device with touchscreen

Technical specifications

General

Display size (cm)	10.92 cm
Display size (in)	4.30 in
Touchscreen	Capacitive Multitouch
Supported contactless NFC tag	According to: ISO/IEC14443 Type A (from 106 kbps to 848 kbps. MI-FARE 106kbps)

Electrical

Input voltage (VDC)	48 VDC
Power consumption (W)	5 W
Frequency response (-3 dB) (Hz)	100 Hz – 20,000 Hz
Total harmonic distortion + noise (%)	0.10%
Minimum dynamic range (dB)	90 dB
Minimum signal-to-noise ratio (dB)	90 dB

Audio inputs

Nominal acoustic input level (dB SPL)	80 dB SPL according to ISO22259 (IEC60914)
Maximum acoustic input level (dB SPL)	110 dB SPL according to ISO22259 (IEC60914)

Audio outputs

Nominal acoustic output level (dB SPL) (at 0.5 m)	72 dB SPL
Maximum acoustic output level (dB SPL)	87 dB SPL
Nominal output level (dBV)	0 dBV
Maximum output level (dBV)	3 dBV
Headphone load impedance (ohm)	32 ohm - 1000 ohm
Maximum output power (mW)	65 mW

Mechanical

Mounting type	Tabletop
Dimensions (H x W x D) (mm)	72 mm x 259 mm x 139 mm
Dimensions (H x W x D) (in)	2.80 in x 10.20 in x 5.50 in

Color (RAL)	RAL 9017 Traffic black
Weight (g)	1,035 g
Weight (lb)	2.30 lb

Environmental

Operating temperature (°C)	5 °C – 45 °C
Operating temperature (°F)	41 °F – 113 °F
Storage temperature (°C)	-30 °C – 70 °C
Storage temperature (°F)	-22 °F – 158 °F
Operating relative humidity, non-condensing (%)	5% – 90%

Ordering information

DCNM-DE Discussion device with touchscreen

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

Order number **DCNM-DE | F.01U.313.729**
F.01U.400.587 F.01U.429.665

Accessories

DCNM-HDMIC High directive microphone

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

Order number **DCNM-HDMIC | F.01U.269.132**
F.01U.374.038

DCNM-MICS Microphone with short stem

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

Order number **DCNM-MICS | F.01U.288.448**
F.01U.374.039

DCNM-MICL Microphone with long stem

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

Order number **DCNM-MICL | F.01U.288.447**

DCNM-TCD Transport case for 10x DCNM-xD

Transport case for storing and transporting ten DICENTIS discussion devices, ten high-directive microphones, ten short or long stem microphones, and cables.

Order number **DCNM-TCD | F.01U.335.596**

DCNM-DICH ID card holder for DCNM-D

ID card holder for the participant to automatically login when the card is parked and logout when it is removed, 25 pieces in one box.

Order number **DCNM-DICH | F.01U.396.439**

DCNM-CB02-I System cable assembly 2m

2 m (6.6 feet), system network cable for connecting all DICENTIS devices.

Order number **DCNM-CB02-I | F.01U.332.138**
F.01U.416.429

DCNM-CB05-I System cable assembly 5m

5 m (16.0 feet), system network cable for connecting all DICENTIS devices.

Order number **DCNM-CB05-I | F.01U.332.019**
F.01U.416.428

DCNM-CB10-I System cable assembly 10m

10 m (33.0 feet), system network cable for connecting all DICENTIS devices.

Order number **DCNM-CB10-I | F.01U.332.020**
F.01U.416.427

DCNM-CB25-I System cable assembly 25m

25 m (82.0 feet), system network cable for connecting all DICENTIS devices.

Order number **DCNM-CB25-I | F.01U.332.021**
F.01U.416.426

LBB3443/00 Lightweight headphones

Lightweight headphones for high-quality sound reproduction, replaceable ear pads and normal cable.

Order number **LBB3443/00 | F.01U.508.901**

LBB3443/10 Lightweight headphones, braided cable

Lightweight headphones for high-quality sound reproduction, replaceable ear pads and durable cable.

Order number **LBB3443/10 | F.01U.009.041**

HDP-LWN Lightweight neckband headphones

Lightweight neckband headphones for high-quality sound reproduction, replaceable ear pads.

Order number **HDP-LWN | F.01U.132.714**

HDP-ILN Induction loop neckband

Induction loop neckband, lightweight.

Order number **HDP-ILN | F.01U.012.808**

ACD-MFC-ISO Card, MIFAREclassic, 1kB, 50pcs

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 | F.01U.218.378**

ACD-EV1-ISO Card, MIFARE EV1, 8kB, 50pcs

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 | F.01U.218.412**

Services

EWE-DCNDTS-IW 12 mths wrty ext disc unit touscreen

12 months warranty extension

Order number **EWE-DCNDTS-IW**



<https://www.boschsecurity.com>