A1 SECURITY CAMERAS
The First Name in Security

DICENTIS Wireless Device

www.boschsecurity.com

BOSCH
Invented for life

- Removable Battery Pack, easy to change and charge
- Configurable as a participant, dual-use or chairperson Wireless Device by use of web browser interface
- Functionality can be expanded with software modules without the need for hardware modification

The elegantly designed Wireless Device (DCNM-WD) of the DICENTIS Wireless Conference System enables participants to speak, register a request-to-speak, and listen to the speaker during a meeting.
The device can be easily configured as a single-use, dual-use or chairperson Wireless Device via the web browser interface of the Wireless Access Point (DCNM-WAP).

Functions

General
- The Wireless Devices connect to the DCNM-WAP.
- Single-use, dual-use or chairperson can be configured via the web browser interface.
- Audio mute button.
- Operates in the 2.4 GHz and 5 GHz (UNII1, 2 (extended) and 3) (license free) band.

Speech intelligibility
- Maximum speech intelligibility is guaranteed at all times.
- The Wireless Devices connects to the DCNM-WAP.
- The Wireless Devices produce crystal-clear sound due to a very high signal-to-noise ratio and smart frequency selection.
- The loudspeaker and microphone can be active at the same time for a face-to-face meeting experience. To prevent acoustic feedback, a feedback suppressor is built-in.

Zero Interference
- Based on standard WiFi.
- Seamless automatic frequency channel switching.
- WiFi coverage area range test.
- Packet Loss Concealment.

Security
- The DICENTIS Wireless Conference System and Wireless Devices have secure connectivity using WPA2 to prevent eavesdropping and unauthorized access.
- Encryption ensures that information within the system remains confidential.

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

Headphones and loudspeakers
- The Wireless Devices accommodate two headphone connections and controls (on the left and right-hand side), so the speaker can be heard clearly even with excessive background noise.

Available from A1 Security Cameras
www.a1securitycameras.com email: sales@a1securitycameras.com

A1 SECURITY CAMERAS
The First Name in Security

Battery maintenance

- Rechargeable Battery Pack (DCNM-WLIION).
- The lithium-ion Battery Pack can be removed and replaced in a matter of seconds, providing maximum flexibility in recharge scheduling.
- Smart battery management via web browser interface control (battery status and usage counting time).

Controls and Indicators

- On top side:
  - Microphone with a red or green indicator:
    - **Red** indicates microphone is active.
    - **Green** indicates request-to-speak accepted.
  - LED indicators on device showing:
    - Microphone on state – **Red**.
    - Possible-to-speak – **White**.
    - Priority – **White** (Chairperson only).
    - Request-to-speak – **Green**.
- On the left and right hand side
  - Headphone rotary volume controls.
- On rear side:
  - Yellow out-of-range of Wireless Access Point LED indicator.
  - Red battery low LED indicator.
- Under base side:
  - Recessed, so called 'De-init,' switch to disconnect the connected Wireless Device with the Wireless Access Point (DCNM-WAP).

Interconnections

- Socket for pluggable microphone.
- Two 3.5 mm (0.14 in) headphone sockets stereo jack type.

Certifications and approvals

EU	CE
US	FCC
CA	ICES-003
KR	KC
AU/NZ	RCM
RU/KZ/BY	EAC
JP	MIC
CN	China RoHS, CMIIT
SA	SASO
BR	ANATEL

Region	Certification
Europe	CE

Parts included

Quantity	Components
1	DCNM-WD Wireless Device

Technical specifications

Electrical

Supply voltage (battery pack)	7.5 Vdc
Power consumption	4.5 W
Operating time DCNM-WD	> 24 hours (20% speech, 80% listening)
Frequency response	100 Hz – 20 kHz) (-3 dB at nominal level)
THD at nominal level	< 0.1 %
Dynamic range	> 90 dB
Signal-to-noise ratio	> 90 dB
Headphone load impedance	> 32 ohm <1k ohm
Headphone output power	15 mW

Radio

WIFI standard	IEEE 802.11n
Frequency Range	2.4 GHz and 5 GHz (ISM license free)

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	80 dB SPL
Headphone nominal output	0 dBV
Headphone maximum output	3 dBV

Mechanical

Mounting	Tabletop
Dimensions (H x W x D) without microphone	72 x 259 x139 mm (2.8 x 10.2 x 5.5 in)
Weight: DCNM-WD DCNM-WD + Battery Pack	 590 g (1.30 Lb) 1051 g (2.32 lb)
Color (top and base)	Traffic black (RAL 9017)

Available from A1 Security Cameras
www.a1securitycameras.com email: sales@a1securitycameras.com

A1 SECURITY CAMERAS
The First Name in Security

Environmental

Operating temperature	5 °C to +45 °C (41 °F to +113 °F)
Storage and transport temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Relative humidity	< 95 %, > 5%

Ordering information

DICENTIS Wireless Device
DICENTIS Wireless Device. Pluggable microphone and battery pack to be ordered separately.
Order number **DCNM-WD**

Accessories

DICENTIS Battery Pack
Battery Pack for Wireless Device (DCNM-WD and DCNM-WDE), lithium-ion, 7.5 Vdc, 12800 mAh, color: Charcoal.
Order number **DCNM-WLIION**

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 **DCNM-TC**

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**

DICENTIS Long Stem Microphone
DICENTIS long stem microphone for the DICENTIS Conference System or DICENTIS Wireless Conference System.
Order number **DCNM-MICL**

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**

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**

Software Options

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**

Available from A1 Security Cameras
www.a1securitycameras.com email: sales@a1securitycameras.com

A1 SECURITY CAMERAS
The First Name in Security

Represented by:

Americas:
Bosch Security Systems, Inc.
12000 Portland Avenue South
Burnsville MN 55337, USA
Phone: +1-800-392-3497
Fax: +1-800-955-6831
audiosupport@us.bosch.com
www.boschsecurity.com

Europe, Middle East, Africa:
Bosch Security Systems B.V.
P.O. Box 80002
5617 BA Eindhoven, The Netherlands
Phone: + 31 40 2577 284
Fax: +31 40 2577 330
emea.securitysystems@bosch.com
www.boschsecurity.com

Asia-Pacific:
Robert Bosch (SEA) Pte Ltd, Security Systems
11 Bishan Street 21
Singapore 573943
Phone: +65 6571 2808
Fax: +65 6571 2699
apr.securitysystems@bosch.com
www.boschsecurity.asia

China:
Bosch (Shanghai) Security Systems Ltd.
201 Building, No. 333 Fuquan Road North IBP
Changning District, Shanghai
200335 China
Phone +86 21 22181111
Fax: +86 21 22182398
www.boschsecurity.com.cn

America Latina:
Robert Bosch Ltda Security Systems Division
Via Anhanguera, Km 98
CEP 13065-900
Campinas, Sao Paulo, Brazil
Phone: +55 19 2103 2860
Fax: +55 19 2103 2862
latam.boschsecurity@bosch.com
www.boschsecurity.com

© Bosch Security Systems 2016 | Data subject to change without notice
15207980427 | en, V3, 10. Jun 2016

Available from A1 Security Cameras
www.a1securitycameras.com email: sales@a1securitycameras.com