uniCOS F/MM

uniCOS Flushmount Multimedia Unit

Description

uniCOS F/MM is Televic's new flagship multimedia conferencing solution, designed for the next-generation Plixus architecture. uniCOS F/MM is a flushmount unit and can be configured as either a delegate or a chairman unit. Every participant has access to all audible and visual information on his or her proper uniCOS unit.

> Participants can speak, see, hear, and interact with delegate stations by combining video, audio, and document sharing.

The result is a rich, interactive, yet focused discussion environment that streamlines meetings.

Benefits

Interactive Display

uniCOS F/MM features a bright 7" touch screen which allows participants to interact with the interface through familiar gestures. Single tap, double-tap, flick, scroll, and pinch to zoom are used to interact with uniCOS's features. It provides intuitive access to every feature: from video selection, over messaging, agendas, delegate information, texting, to voting. Features not relevant to the meeting can be easily hidden. The result is a responsive user experience with a short learning curve.

Industrial & Functional Design

The uniCOS design combines discreet elegance with a functional design to create a conference system that feels and looks at home in any venue or meeting room. Each unit is made from contrasting materials: the glass surface of the screen sits atop a dark brushed aluminum base. The entire unit is bezel-free, which prevents dirt, grease or germs from accumulating near the edges and allows for easy cleaning and disinfecting. Finally, uniCOS's milled edges provide a trim, aesthetic finish.

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Flawless Video

With 1080p HD low-latency video, uniCOS transmits flawless images, thanks to the Plixus architecture. Delegates can view close-up video of the speaker or any other image source, live or prerecorded. uniCOS displays pristine, fluid images without any artifacts. Moreover, the delay is fewer than 1 frame so uniCOS preserves lip-synced video in real-time for all participants, which increases the involvement of all parties.

Rich & Papersmart Meetings

The unit's high-quality screen can display a wealth of up-to-date information without the need to print it. From the latest meeting agenda, over support documents, to the delegate's bio: the touch-screen displays all relevant information, interactively available through the touch screen interface. As a result, the unit saves time, drastically reduces printing costs, and contributes to the environment.

Set the Agenda

With uniCOS, managing a meeting agenda is a breeze. Set items per lecturer, add or modify agenda items, and control voting items. You can even add detailed descriptions per item or link documents to the topic at hand. And why not add a timer to keep the meeting on time?

Control the Focus, Guide the Audience

With added functionality comes added distraction. But uniCOS has the cure against unfocused meetings. The operator can force all units to display a selected application or function and lock the view. For example, if everyone's attention needs to be directed to a specific part of a document, the operator can lock every uniCOS unit on that particular detail. Additionally, the guided review allows a chairman or operator to navigate through a document with all participants in sync. The result? Increased focus, more involvement, and more efficient meetings.

Trademark Televic Sound

Televic's "Rich Sound Processing" produces a sound that is not only crisp and clear, but also warm and human. The dedicated bandwidth reserved for audio results in an uncompressed, crystal-clear signal. It makes a discussion far more enjoyable by reducing fatigue caused by unnatural or nasal sound.

The unit works with a gooseneck microphone that offers no compromises. It combines the best in directivity and sensitivity with a reduction in ambient noise, a feature which is especially beneficial to interpreters.

Features

The uniCOS flushmount unit features the following functionality for user interaction:

- » Microphone activation button
- » Microphone status feedback (red: active, green: request)
- » Screw-lock microphone connector. Microphones sold separately.

  D-MIC30SL   **71.98.0053**
  D-MIC40SL   **71.98.0054**
  D-MIC50SL   **71.98.0055**

- » 7" capacitive touch screen
- » Borderless design for easy cleaning
- » RFID card reader for authentication, with support for Mifare Classic & DESfire
- » Loudspeaker
- » 3.5 mm stereo headphone connector

Software

To fully configure, manage, and use the unit, Televic's CoCon management software is required. The following standard licenses are available:

CoCon Discussion	**71.98.1101**
CoCon Signage	**71.98.1102**
CoCon Voting	**71.98.1104**
CoCon Authentication	**71.98.1105**

Several licenses are also available to enable specific functionality on uniCOS multimedia units:

CoCon Interpretation	**71.98.1107**
CoCon Import/Export	**71.98.1108**
CoCon Documentation	**71.98.1109**
CoCon Messaging & Services	**71.98.1110**
CoCon Audio Routing	**71.98.1112**
CoCon Video Routing	**71.98.1113**

Certification

Region	Certification
Europe	CE

Specifications

Mechanical	
Material	Brushed Aluminum
Color	Black
Size (mm)	440 (w) × 50 (h) × 140 (d)
Size packed (mm)	530 (w) × 125 (h) × 230 (d)
Weight	1850g
Weight packed	2300g

Electrical	
Voltage	48 VDC
Continuous output current	2 A (per port)
Consumption	17 W
Connector	Wago 721-163 series
Card reader	ISO 14443 MIFARE Card Reader DESfire support

Display	
Size	7" diagonal
Active area	153.6 × 90 mm
Refresh rate	60 Hz

Viewing angle	75° (Left), 75° (Right) 75° (Top), 75° (Bottom)
Screen resolution	1024 × 600
Touch technology	PCT (Projective Capacitive Touch)

Speaker Output

Maximum output power	1.3 W (Zload 8 Ohm)
Frequency response	200-20,000 Hz (-3 dB)
Dynamic range	97 dB / 102 dBA
THD @ nominal level	< 0.1% (@ -20 dBFS)
Load impedance	8 Ω

Headphone Output

Maximum output	37 mW (Zload 32 Ohm)
Frequency response	22-22,000 Hz (-3 dB)
Dynamic range	94 dB / 97 dBA
THD @ nominal level	< 0.05% (@ -20 dBFS)
Load impedance	16-32 Ω

Microphone Input

Dynamic range	> 90 dB
Frequency response	20-20,000 Hz (-3 dB)
THD @ nominal level	0.1%