

uniCOS F/MM 7

uniCOS 7" Flushmount Multimedia Unit



Description

uniCOS F/MM7 is Televic's multimedia conferencing unit, specifically designed for the Plixus architecture. Power is delivered over the Plixus conference network, therefore no need for additional power distribution towards the room. The uniCOS F/MM7 is a flushmount unit which you can configure as either a delegate or a chairman unit, which eliminates the need for different devices.

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.

uniCOS F/MM7 features a bright 7" touch screen which gives participants intuitive access to every uniCOS feature. From video selection, over messaging and talking to other participants, agendas, delegate information, texting, to voting, and the option to hide features that are not relevant to the meeting. With the integrated camera, you can easily configure talking heads.

Features

The uniCOS flushmount unit features the following functionality:

- » Connected to interchangeable Plixus ports. No dedicated IN and OUT ports
- » Daisy chain or closed loop using Cat 5e / Cat 6 cable
- » 7" capacitive touch screen
- » Integrated 5MP camera providing live video of the last active speaker
- » Units configurable as delegate or chairman
- » Create a custom standby screen using an image or one of the video streams
- » Onscreen Priority and next button for delegate microphone control
- » Microphone control on chairperson units
- » Six low-latency video streams with a latency lower than 1 frame
- » Televic's "Rich Sound Processing" resulting in a crisp and clear sound that is also warm and human
- » Microphone activation button
- » Configurable LED color for microphone status (red / green)
- » Screw-lock microphone connector. Microphones sold separately.

D-MIC30SL	71.98.0053
D-MIC40SL	71.98.0054
D-MIC50SL	71.98.0055
D-MIC70SL	71.98.0057
D-MIC40FF	71.98.0059
D-MIC40BC Cardioid	71.98.0072
D-MIC40BC Hypercardioid	71.98.0073

- » RFID card reader for authentication, with support for Mifare Classic & DESfire
- » Build-in loudspeaker, automatically muted when microphone is active
- » 3.5 mm stereo headphone connector
- » Volume and language selection on touchscreen
- » 2 USB 2 connectors to connect to for example a nameplate or charge smartphones
- » Active Speaker / Request and Reply list overview
- » Overview of participants and biography
- » Consulting agenda and meeting information
- » Speech time progress bar
- » Voting and voting result visualization (CoCon Voting required)
- » Documentation view (CoCon Documentation license required)
- » Messaging (CoCon Messaging & Services required)
- » Service request (CoCon Messaging & Services required)
- » Option to force all units to display a selected application or function and lock the view
- » Possibility to set, add, modify and time agenda items
- » Option to set up intercom calls (CoCon Intercom Required)

Software

To fully configure, manage, and use the unit, Televic's CoCon management software has several licenses to enable specific functionality on uniCOS multimedia units:

CoCon Discussion	71.98.1101
CoCon Voting	71.98.1104
CoCon Authentication	71.98.1105
CoCon Documentation	71.98.1109
CoCon Messaging & Services	71.98.1110
CoCon Video Routing	71.98.1113
CoCon Intercom	71.98.1115

Certification

Region	Certification
Europe	CE

Specifications

Mechanical	
Material	Brushed Aluminum
Color	Black
Size (mm)	295 (w) × 50 (h) × 135 (d)
Size packed (mm)	415 (w) × 60 (h) × 185 (d)
Weight	1200 g
Weight packed	1500 g

Electrical	
Voltage	48 VDC
Continuous output current	2 A (per port)
Power consumption (with front USB port in use)	12 W (Additional 2.5W when using the second USB port)
Power Connector	Snap and lock mini DIN power plug
Card reader	ISO 14443 MIFARE Card Reader DESfire support
USB port current	0.5 A
USB port voltage	5 V

Display	
Size	7" diagonal
Active area	153.6 × 90 mm
Refresh rate	60 Hz
Screen resolution	1024 × 600
Viewing angle	80° (Left), 80° (Right), 80° (Top), 80° (Bottom)
Luminance	560 cdm ²
Technology type	IPS
Touch technology	PCT (Projective Capacitive Touch)

Camera	
Resolution	5 MP
Hierarchical degree of visibility (HDoV)	60°
Camera mode	1080p @ 30 fps

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	4 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%

Environmental	
Operating temperature	0 – 45°C
Storage and transport temperature	-20 – 70°C
Humidity	<95%, >5%

Technical Drawing

