

VTC 55" including codec EQ TEMPEST Level B & RÖS U2

Description

VTC 55" incl Codec U2/LB is a **complete and modular video conferencing system** based on Cisco Webex Room Kit EQ, customized with NO-RADIO to meet **TEMPEST Level B and RÖS U2 requirements**.

The system includes a 55" 4K screen, 5K camera with integrated speakers, touchscreen-based control unit and ceiling microphone, which together provide high image and sound quality.

With features such as speaker tracking, physical camera protection, and a lack of wireless communication, the solution is **optimized for security-rated environments** that require reliable and future-proof video conferencing technology.

Video Conferencing Features

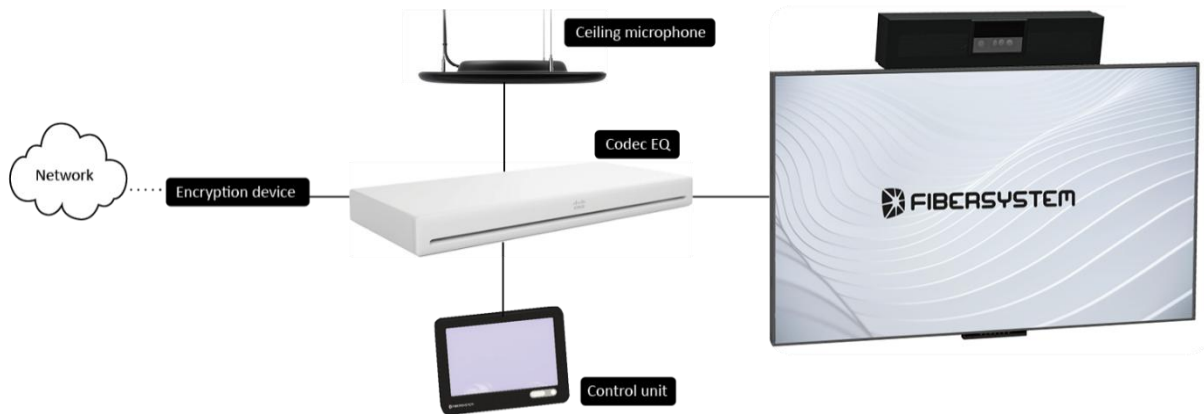
- Based on Cisco Webex Room Kit EQ
- 55" 4K 60Hz monitor
- Built-in 5K 60fps camera
- Speaker Tracking – detects and switches active speakers
- Built-in high-quality speakers

Safety-enhancing features

- RÖS U2
- TEMPEST Level B
- Physical camera protection
- No wireless network or Bluetooth (No-Radio)

Components

- VTC Camera TEMPEST Level B
- VTC Monitor 55" TEMPEST Level B
- VTC Codec EQ TEMPEST Level B
- VTC Control Unit TEMPEST Level A
- VTC Digital Ceiling Microphone TEMPEST Level B
- Remote Control
- VTC 55" Vesa Adapter (Mounting Plate)



Components



VTC Camera TEMPEST Level B

The VTC Camera consists of a Cisco CS-QUADCAM. The device is internally made up of a camera and speakers.

VTC Monitor 55" TEMPEST Level B

VTC Monitor 55" is based on Samsung, modified to provide greater security, by reducing the radio communication part for WiFi and Bluetooth is removed.



VTC Codec EQ TEMPEST Level B

VTC Codec consists of a Cisco "CS-CODEC-PLUS-NR". For safety reasons, the device is a so-called "no radio" variant. This means that the Codec does not have a radio communication part built-in.



VTC Control Unit TEMPEST Level A

The VTC Controller is based on the Cisco CS-TOUCH10 V02 and is a 10" capacitive touch screen with which you can easily navigate the system and start video conference calls.



VTC Digital Ceiling Microphone TEMPEST Level B

The VTC Digital Ceiling Microphone is an intelligent conference microphone designed to capture clear, high-quality sound.

Features

Camera	Description
Camera sensor	5K CMOS-sensor
Frame Rate	60 fps
Image sensor	15.1 MP
Zoom	5x digital
Focus	Auto
Brightness	Auto
White balance	Auto
Monitor	Description
Display Area	1200 x 685 mm (WxH)
Optimal (resolution)	3840 x 2160
Brightness (typical)	350 nits
Contrast	4000:1
Viewing angle	178/178°
Control Unit	Description
Signal Protocol	TCP/IP
Diagonal size	10.1"
Display	Kapacitiv Touch LCD
Ceiling microphone	Description
Audio out	PoE RJ45
Service port	Micro USB
Factory reset	Small reset hole for factory reset

Technical Data - I/O-ports

Camera	Description	Connectors	No
Voltage Supply	12 VDC	LEMO	1
ETH CAMERA	Camera control from Codec	RJ45	1
Video out	Camera Video Out to Codec	HDMI	1
Monitor	Description	Connectors	No
230 VAC 50/60HZ	Voltage supply in	IEC C14	1
HDMI video in	Fiber optic HDMI 4K/60Hz	HDMI	1
Codec	Description	Connectors	No
Voltage Supply	12 VDC for connection to Battery Eliminator	DC Jack	1
Ethernet	PoE++ 1Gbps Ethernet for Ceiling Microphone No. 1.	RJ45	1
Ethernet	PoE++ 1Gbps Ethernet for Ceiling Microphone No. 2	RJ45	1
Ethernet	PoE++ 1Gbps Ethernet for Camera	RJ45	1
Ethernet	PoE++ 1Gbps Ethernet for Controller	RJ45	1
Ethernet	1 Gb Ethernet for external network, LAN	RJ45	1
HDMI out	VTC Monitor 55"	HDMI	1
HDMI out	Connecting the Monitor 55" No. 1	HDMI	1
HDMI out	Connecting the Monitor 55" No. 2	HDMI	1
HDMI in	Connecting the VTC Camera	HDMI	1
HDMI in	Connection of e.g. document camera/laptop	HDMI	2
Audio in	Microphone input	3,5 mm	3
Audio ut	Speaker output	3,5 mm	1
Controller	Description	Connectors	No
Ethernet	PoE++ 1Gbps Ethernet for Connection to Codec	RJ45	1
Ceiling microphone	Description	Connectors	No
Ethernet	PoE++ 1Gbps Ethernet for Connection to Codec	RJ45	1

Technical Data - Mechanics and Environment

Camera	Description
Dimensions	212 x 995 x 139 mm (HxBxD)
Weight	13 kg
Operating temperature	0 °C to 35 °C at 10-90%RH relative humidity, non-condensing
Storage temperature	-20 °C to 60 °C, at 10-90%RH relative humidity, non-condensing
Monitor	Description
Dimensions	685 x 1200 x 29 mm (HxBxD)
Weight	17 kg
Operating temperature	0 °C to 40 °C at 10-80%RH relative humidity, non-condensing
Storage temperature	-20 °C to 60 °C, at 10-80%RH relative humidity, non-condensing
Codec	Description
Dimensions	44 x 473 x 202 mm (HxBxD)
Weight	2.33 kg
Operating temperature	0 °C to 40 °C at 10-90%RH relative humidity, non-condensing
Storage temperature	-20 °C to 60 °C, at 10-90%RH relative humidity, non-condensing
Control Unit	Description
Dimensions	166 x 253 x 50 mm (HxBxD)
Weight	1.7 kg
Operating temperature	0 °C to 40 °C at 10-90%RH relative humidity, non-condensing
Storage temperature	-20 °C to 60 °C, at 10-90%RH relative humidity, non-condensing
Ceiling Microphone	Description
Dimensions	48 x 420 x 420 mm (HxBxD)
Weight	2,5 kg
Operating temperature	0 °C to 40 °C at 10-90%RH relative humidity, non-condensing
Storage temperature	-20 °C to 60 °C, at 10-90%RH relative humidity, non-condensing

Technical Data - Power supply

Camera	Description
Drive voltage	12 VDC/5 A
Power consumption typical	20 W
Power consumption max	70 W
Monitor	Description
Drive voltage	230 VAC 50/60 Hz
Power consumption typical	214 W
Power consumption sleep mode	0.5W
Codec	Description
Drive voltage	12 VDC/5 A
Power consumption typical	20 W
Power consumption max	70 W
Control Unit	Description
Drive voltage	48 VDC via PoE (Power-Over-Ethernet)
Power consumption typical	5 W
Power consumption max	7 W
Ceiling Microphone	Description
Drive voltage	48 VDC via PoE (Power-Over-Ethernet)
Power consumption typical	3.5 W
Power consumption max	4.5 W

Order Information

Main Product	Product No
VTC Cisco 55inch incl codec TEMPEST Level B	60-00-7633

Components	Product No	Number
Monitor 55" TEMPEST Level B	50-70-3148	1
VTC Camera TEMPEST Level B	60-00-7749	1
VTC Codec EQ TEMPEST Level B	60-00-9152	1
VTC Control Unit TEMPEST Level B	60-00-7682	1
VTC Digital Ceiling Microphone TEMPEST Level A	60-00-0231	1
Remote Control	50-70-3154	1
VTC 55" Vesa Adapter	60-00-7702	1
Network cable U2/LB	TP-1	3
HDMI-HDMI cable Ha-Ha 2 m	50-65-5697	3
Batterieliminator Cisco	50-60-0011	2
230 VAC Cable for Monitor	60-00-7754	1
230 VAC Cable for Controller	50-65-5568	1
Audio cable 3.5 mm Ha-Ha	50-65-6652	3
VTC cable DC-power for Camera	60-00-7752	1

Accessories	Product No
VTC Audio Unit TEMPEST Level A	60-00-7634
Battery Eliminator Audio Unit	60-00-7759
VTC Headphones TEMPEST Level A	60-00-7567
VTC Digital Ceiling Microphone U2/LB	60-00-0231
VTC Microphone TEMPEST Level A	60-00-7760
VTC PoE Switch TEMPEST Level B	60-00-0230
Monitor 75" TEMPEST Level B	60-00-9181
VTC Floor Stand	60-00-7683
VTC Floor Stand Motorized	60-00-7684