

Universal Switcher with HDMI 2.0 connectivity and USB 3.1 Gen1 features



The **UCX-2x2-H30 universal** switcher enhances and extends the possibilities of a meeting room and allows meeting participants to easily use their own devices such as laptops, and preferred video conference platforms while also to utilize the available assets of the meeting space, just like the HDMI displays, room cameras and other USB peripherals.

The device is designed to be a centerpiece of any collaboration space, and can be connected to **two USB peripherals** via USB-A type connectors.

Hosts then can connect their own devices to the **UCX-2x2-H30** and gain control over the rooms peripherals. By simply using a combination of **HDMI 2.0** and **USB 3.1 Gen1** connections, video and audio signals can be transferred up to a resolution of **4K@60Hz 4:4:4** and **data speeds up to 5 Gbps**.

The device allows up to two hosts to be connected to the system, and also ensures quick and easy switching between the users. Two sets of HDMI 2.0 and USB inputs makes this universal switcher a perfect fit for smaller meeting areas, involving 4-8 people.

Automated room control features are also included through **GPIO ports**, besides of **RS-232** and occupancy sensor connectivity. The switcher also thrives when it comes to **audio capabilities**, offering **analog audio de-embedding** feature.

Security is always a key concern in the corporate world, therefore our engineers ensured that the UCX-2x2-H30 adheres to the strictest security standards. A **secure corporate Ethernet interface** ensures secure device control and configuration under the SSH, SSL and HTTPS standards.

The Taurus UCX offers noiseless operation in most environments where conditions are considered regular, just like in a meeting room where temperatures do not exceed the low 20s in Celsius or about 70-75 in Fahrenheit. The built-in fan is designed to operate only if the device is installed in a cabinet or other environment with unsufficient air-flow. We specified a maximum of 30dBA noise level for our ventilation system in a meeting room, to comply with the NC-30 és NR 30 standards.

In today's collaboration environments, it is key that the technology offers flexible and versatile ways for participants to unlock the full potential of a collaboration space and they clearly demand to not be limited by the default options offered by their meeting rooms.

The new **Taurus UCX product family** is Lightware's ground-breaking innovation offered for this increasingly growing demand for cutting-edge solutions in the world of Unified Communications.

Specifications

Video	Resolution		Up to UHD/4K@60Hz 4:4:4
	Signal Type		HDMI 2.0, HDMI 1.x, DVI
	Maximum data rate		18 Gbps
	Maximum pixel clock		600 MHz
	Content protections		HDCP 1.x, HDCP 2.2
	Connector type (IN)		2x HDMI receptacle type A with screw locking option
	Connector type (OUT)		2x HDMI receptacle type A with screw locking option
	Video processing		Signal parameter measurement
Audio	Audio mode		Simultaneous pass-through and de-embedding to the Audio layer
	Supported audio formats for pass-through		All HDMI2.0 audio formats
	Supported audio formats for de-embedding	Uncompressed	LPCM (up to 8 channels, 192 kHz, 24 bits per sample)
		Compressed	Dolby Digital, DTS
Control	Ethernet	Control	1x 100Base-T via RJ-45 for Secure Control
		Connector	2x 3Pol Phoenix
		Symbol rate	between 9600 and 115200 baud
		Configuration	Parity: none, odd or even Stopbits: 1 or 2
	USB	Connectors	1x mini USB Type B for LDC control
			1x USB Type A for Service
			2x USB Type B for user application
			4x USB Type A for peripherals
General	Room Occupancy Sensor	Connector	3Pol Phoenix
	GPIO	Connector	8Pol Phoenix
	Powering		External 120W power supply
	Power consumption (max)		TBD
	Thermal dissipation (max)		TBD
	Weight		TBD
	Operating conditions	Ambient temperature	0-50°C
		Relative humidity	0-90% (non-condensing)
	Transportation conditions	Ambient temperature	-20-70°C
		Relative humidity	0-95% (non-condensing)
	Compliance		EN 55032:2015
			IEC 61000-3-3:2013+AMD1:2017 FCC CFR Title 47, Part 15, Subpart B
	Warranty		3 years