

## Universal Switcher with HDMI 2.0 connectivity and USB 3.1 Gen1 features



The **UCX-2x1-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-2x1-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-2x1-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 insufficient 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

<b>Video</b>	Resolution		Up to UHD/4K@60Hz 4:4:4	
	Signal Type		DP, HDMI 2.0, HDMI 1.x, DVI	
	Maximum data rate		18 Gbps	
	Maximum pixel clock		597 MHz	
	Content protections		HDCP 1.x, HDCP 2.2	
	Connector type		2x HDMI receptacle type A with screw locking option	
	Video processing		Signal parameter measurement	
	Standards		HDMI 2.0, HDMI 1.4, DVI	
<b>Audio</b>	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
	Compressed HBR		Dolby TrueHD, DTS-HD	
<b>Control</b>	Ethernet	Control	1x 100Base-T via EtherCON for Secure Control	
	RS-232	Connector	1x 3Pol Phoenix	
		Symbol rate		between 4800 and 115200 baud
		Configuration		8N1
	USB	Connectors		1x mini USB Type B for LDC control
				1x USB Type A for Service
				2x USB Type B for user application
			2x USB Type A for peripherals	
Room Occupancy Sensor	Connector		3Pol Phoenix	
GPIO	Connector		8Pol Phoenix	
<b>General</b>	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	