

**USB Type-C Docking Station**

Lightware’s docking station that exploits the USB-C connectivity for a simplified transmission of 4K video, audio, control signals and power providing meeting participants, utilizing data speeds of up to 5 Gbps under the USB 3.1 Gen1 providing video resolution capabilities up to 4K@60Hz at 4:4:4 as well as comprehensive and secure Ethernet, and now also DSC (Display Stream Compression) for delivering high-quality video even over limited-bandwidth USB-C connections. The device has a charging ability of up to 100W on the USB Type-C port.



**Details**

**Bring Collaboration Spaces to the Next Level**

The **UCX-1x1-C60 USB Type-C docking** station 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 utilizing the available assets of the meeting space, just like the HDMI displays, room cameras and other USB peripherals.

**Optionally, a configurable welcome screen can create a professional corporate impression and/or help the user set up the room.**

**Supporting 5K**

Taurus devices deliver **flawless switching for 5K 21:9 ultrawide displays**, unlocking a new level of visual performance for modern meeting and control environments. Designed to enhance layouts like Microsoft Teams Front Row and other collaboration platforms, Taurus provides expanded screen real estate for design, data visualization, and multi-window workflows. With uncompressed HDMI 2.0 video and ultra-low latency, it’s the ideal choice for simulation, engineering, broadcast, and executive boardroom applications.

**DSC Support — High-Performance Video & USB3, Finally Together**

In its class of professional BYOD USB-C matrix switchers, the HC60 series uniquely combines **DSC over DP Alt Mode, full-bandwidth USB 3, host switching, and integrated Ethernet**. DSC (Display Stream Compression) enables **4K60 4:4:4 video on just two DP lanes**, leaving the remaining lanes available for **super-speed USB 3**, so a **single USB-C cable** can deliver **premium video and professional-grade USB peripherals simultaneously**.

This is a **major advantage**, ensuring **smooth operation of USB3 cameras, audio devices, and touch displays** while maintaining **perfect 4K60 image quality**. It also provides a **more reliable BYOD experience** in modern hybrid meeting rooms, even when laptops have **limited DP bandwidth**, and improves stability with **long or lower-quality USB-C cables** by reducing video bandwidth load.

macOS supports DSC at the hardware level, though the OS may still restrict certain high-resolution or HDR modes, and DSC behavior can vary across versions. To work properly, the laptop must support **DSC** and the connection must use **DP Alt Mode**.



## Exploit the Possibilities of USB connectivity

The device utilizes **USB-C connectivity** for simplified transmission of video, audio, control signals, and power, supporting data speeds of up to **5 Gbps** under **USB 3.1 Gen1**. It enables video resolutions up to **5K (5120×2160) via HDMI 2.0 at 30Hz 4:4:4 or 60Hz 4:2:0**, as well as **4K@60Hz at 4:4:4**. Users who connect their laptop or other mobile device via USB-C can also enjoy **charging up to 100W**, thus eliminating the need to look for a wall plug and to avoid sudden interruption of meetings.

The device is designed to be a centerpiece of any collaboration space, and can be connected to **three USB peripherals** via 1x USB-A type and 2 USB-C connectors.

## Additional Features and Capabilities

**Security** is always a key concern to our customers, therefore our engineers ensured that the **UCX-1x1-C60** adheres to the strictest security standards.

**The Taurus UCX offers noiseless operation, no fan in the device.**

## Features

- **Windows & macOS support** Seamless performance on both platforms
- **USB-C lane management** Set video or data priority on USB-C
- **Remote device management** LDC & LDU: remote config and FW updates
- **USB-C & USB-A charging** 100W for BYOD, 1A for peripherals
- **Smart room automation** LARA triggers CEC, RS-232, relay, and shutdown
- **USB-C 5-in-1 connection** Video, audio, data, power and Ethernet via one cable
- **Secure USB-C Connectivity with 802.1x support**
- **Supports HDMI 5K signal formats** 5120×2160 HDMI 2.0: 30hz 4:4:4 or 60hz 4:2:0
- **Flexible cabling options for any setup up to 10 m**
- **HDMI output supports 4K UHD @60Hz (RGB 4:4:4) up to 18 Gbps**
- **Passive noiseless cooling**
- **Ensure cable connection with USB-C lock or screw lock**
- **10-meter USB-C Active Optical Cable available (60W/3A charging)**
- **Configurable welcome screen**
- **Remote system logging**
- **Smart HDMI 5V Signal Tracking** The “Follow Signal Present” mode powers the 5V output
- **Secure and Flexible Room LAN** Isolated VLAN network for secure room control

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 to not be limited by the default options offered by their meeting rooms.

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

## Remote System Logging (Syslog)

Taurus devices now support remote system logging via industry-standard Syslog protocols (RFC3164 and RFC5424). This allows seamless integration with external SIEM and log monitoring systems.

- Forward logs via TCP, UDP, TLS
- Choose between human-readable and structured formats
- Easy configuration via LW3 protocol
- Local journald logging remains unaffected

## Specifications

<b>Video</b>	Resolution		Up to UHD/4k@60Hz 4:4:4
	5K Resolution		5120×2160 HDMI 2.0: 30hz 4:4:4 or 60hz 4:2:0
	Signal Type		DP Alt Mode, 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 (IN)		1x USB-C receptacle with screw locking option
	Connector type (OUT)		1x HDMI receptacle type A with screw locking option
	Video processing		Signal parameter measurement
<b>Audio</b>	Audio mode		Pass-through to the Audio layer
	Supported audio formats for pass-through		All HDMI2.0 audio formats
<b>Control</b>	Ethernet	Connector type	RJ45 female connector
		Ethernet data rate	1 Gigabit Ethernet
		Control	1x 1000Base-T via RJ-45 for Secure Control
	USB	Connector	1x USB Type A for peripherals
			2x USB Type C for peripherals
	RS232	Connector	1x 3Pol Phoenix
		Symbol rate	between 9600 and 115200 baud
		Configuration	Parity: none, odd or even Stopbits: 1 or 2
	<b>General</b>	Powering	
Dimensions		Width	246 mm
		Height	26 mm
		Depth	150 mm
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	