



LIGHTWARE

INNOVATIVE. RELIABLE. MADE IN EUROPE. 

LIGHTWARE: SHAPING THE FUTURE OF AV INNOVATION

Lightware is a professional AV manufacturer with more than 25 years of expertise in developing and supplying innovative solutions in the heart of Europe. Since 1998, Lightware has been designing and delivering cutting-edge devices and technologies to tackle the challenges AV professionals face in the fast-paced world of digital integration.

For decades, we've been working behind the scenes to ensure our customers receive the best and most innovative solutions. We prioritize listening to our customers to create reliable, versatile, and innovative AV products that are simple and consistent. Our goal is to exceed expectations, deliver exceptional quality, and go the extra mile in every interaction, ensuring lasting impact and satisfaction.

Throughout its history, Lightware has pioneered numerous industry advancements, including the EDID manager, Hybrid Matrix switchers, transmitters and receivers, and the award-winning Taurus product line based on USB-C-technology.

Lightware continues to adapt to emerging market needs, delivering both hardware and software solutions that set new standards in the industry. With our comprehensive portfolio of ProAV solutions, Lightware is at the forefront of creating technologies that cater to diverse environments and applications. From USB-C expertise to groundbreaking AV over IP solutions, we invite you to experience the Lightware difference.

From its roots as a small Hungarian company, Lightware has grown into a leading European AV manufacturer. While its operations have expanded globally, the company remains committed to its development and manufacturing processes in Budapest, showcasing the quality and reliability of its “Made in Europe” expertise.

WE KEEP

LISTENING
INVENTING
DELIVERING
GOING THE EXTRA MILE

25+ YEARS OF EXPERTISE

We leverage our world-class expertise in signal management to deliver the best possible solutions. We firmly believe that technology should seamlessly and invisibly support people's work.



25+ Years of Experience



30+ Countries



400+ Employees



600+ Products

We are a professional AV manufacturer company for 25 years in the heart of Europe, that focuses on customers' needs and delivers viable solutions over expectations with an uncompromising level of customer service and support. We leverage our world-class expertise in signal management to deliver the best possible solutions. We firmly believe that technology should seamlessly and invisibly support people's work.

“New technologies must support people's lives seamlessly and invisibly, just like air and water.” commented Gergely Vida, CEO of Lightware Visual Engineering.

– Gergely Vida
CEO





1998
Company Foundation
with 2 Employees



2007
World First Hybrid
Modular Digital
32x32 Matrix



2015
Event Manager
Built-in Meeting Room
Automatization



2017
UBEX 2x10G
AV Over IP System



2021
TAURUS UCX
Leadership in USB-C
Connectivity



2023
TAURUS TPX
USB-C Extension



2024
TAURUS Dual Screen
TAURUS TPN
GEMINI GVN



2025
Taurus Smart Dock
Taurus TPX Rack

Corporate

Delivering AV Solutions to Empower Corporate Collaboration

At Lightware, we firmly believe that AV technology must support and encourage collaboration instead of causing unnecessary distractions.

Our solutions unlock 'Bring-Your-Own-Device' capabilities and room automation features for a more enhanced meeting experience.

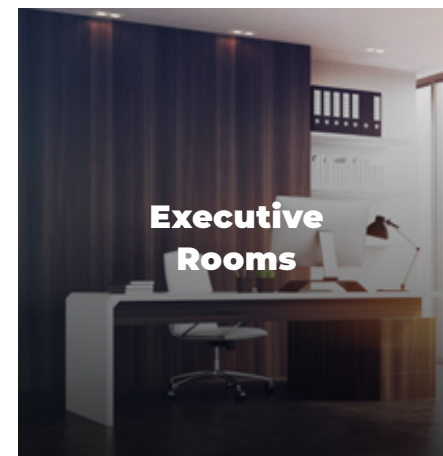
Lightware solutions offer a powerful array of features and benefits that **enhance the overall meeting room experience, improve collaboration** and tremendously **contribute to the engagement of remote and in-office participants**. By leveraging these solutions, businesses build efficient, flexible, and collaborative meeting spaces that cater to the evolving needs of modern workplaces.

USB-C is rapidly becoming the new connectivity standard in meeting rooms and collaboration spaces. Lightware has been developing USB-C solutions to provide seamless collaboration and content sharing for the overall meeting room experience. Beyond host switching between USB devices and peripherals, **extending USB was the next challenge to solve**.

Lightware's unique signal management solution, the **Taurus product family that utilizes USB-C capabilities, solves all the problems AV professionals can face**. The **product line currently includes the Taurus UCX, the Taurus TPX and the Taurus TPN**.



Meeting Rooms



Executive Rooms



Collaboration Spaces



Internal Operations

Education

Building advanced learning environments

Today's classrooms are equipped with state-of-the-art AV equipment; multiple high-resolution displays, built-in room PCs and everything else needed for seamless training. Lightware offers the technology to help future generations connecting and collaborating more easily than ever before.



IT SECURITY

Lightware devices adhere to the **latest IT security protocols** and also come with **HDCP support** for complete peace of mind



INTUITIVE CONTROLS

Meeting participants can **fully utilize their room's assets** easily control them through **user-friendly interfaces and room automatization**



BYOD CAPABILITIES

Users can **use their own laptops or mobile devices** to share their work with the room or initiate a video call on the platform of their choice

Hybrid education? – Lightware can help you!

Hybrid learning is very much gaining increasing traction in the education space nowadays, as it is proven to be an effective alternative to in-person lectures.

Lightware solutions integrate the audiovisual in the room with the USB peripherals required for hybrid teaching. Teachers can simply connect their laptops to gain complete control over the room's integrated AV system and start sharing their content right away thanks to Lightware AV-over-IP solutions.



Auditoriums



University Research Labs



Campuses

The **Lightware Education Audiovisual Developer (LEAD)** program is dedicated specifically to our highly esteemed education partners committed to Lightware audiovisual products in their standards. **LEAD was established to support the specific needs of educational institutions where reliable and consistent, campus-wide solutions are needed.**



**EDUCATION
AUDIOVISUAL
DEVELOPER**

Learn more at:
lightware.com/lead

Defense & Intelligence

Be Mission Prepared

Deployed to challenging and often highly-classified environments, Lightware is proud to support mission-critical systems across land, air and sea domains. In this market we had the challenges ahead of us like the different classification levels within the networks, the demand for the highest level of security, and no signal latency is acceptable due to mission critical operations.



ZERO LATENCY

Providing real-time experience through **Zero Frame Latency** that is unnoticeable for the human eye.



DATA DIODE

A data diode is a physical network device **enforcing data to travel only in one direction** to guarantee information security.



ANALYTICS

Products have a **built-in video frame rate analyzer**. Users can receive **constant feedback** about the exact pixel count and clock frequency.



OPEN API

Every bit of data in a system is openly available for higher-level management and monitoring systems.



ROBUST BUILD QUALITY

Devices built to deliver and extend signals even at the **harshest and most challenging environments** and applications.



IT SECURITY

Lightware devices adhere to the **latest IT security protocols** and also come with **HDCP support** for complete peace of mind.

Live Events and Entertainment

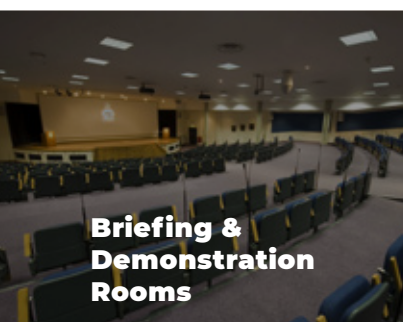
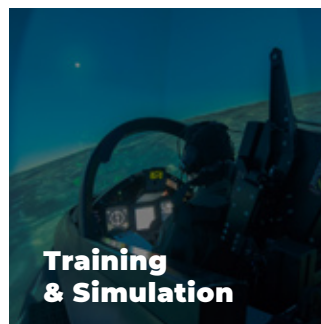
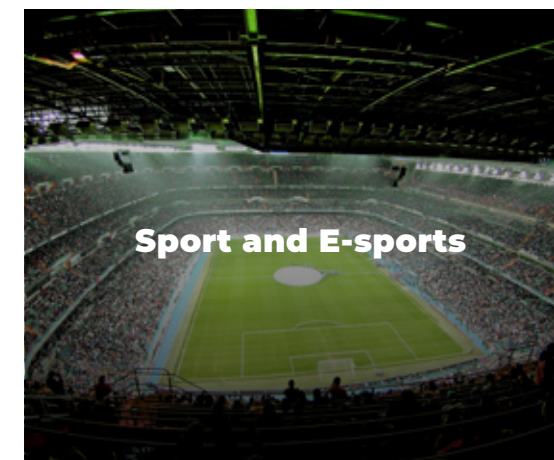
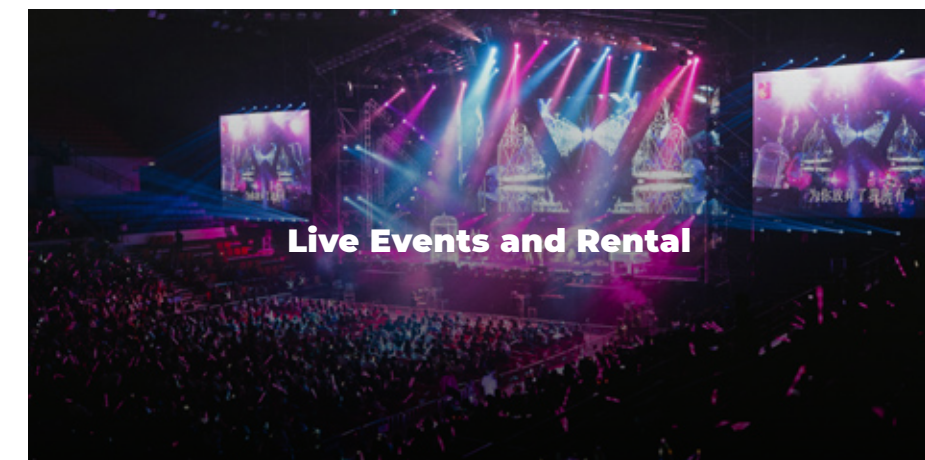
Providing AV Solutions for Ultimate Immersive Experience

Live events demand the most reliable, robust, and flexible AV signal management solutions. With Lightware's technology, AV professionals across the globe obtain confidence, unleash their creativity, amaze and dazzle the most sophisticated audiences

Our AV signal management solutions allow seamless integration in multi-component rental environments. Easy and quick installation and configuration coupled with **enhanced redundancy and robustness of Lightware's devices give** the operators perfect peace of mind in any challenging environment. **The R-type devices are designed to fit harsh rental conditions** being robust in each constructive element. We offer **redundant solutions and hot-swappable components to secure 100% uptime**.

The products also feature a **built-in Cable Diagnostics tool, and Advanced Analytics capabilities** to allow remote system health monitoring, comprehensive control, and proactive troubleshooting.

Taking our partners' success personally, we provide consistent support in **project designing and proof-of-concept testing**.



LEVEL B - NATO SDIP-27 Certificated

The SDIP-27 Level B Certificate focuses on radiated magnetic waves of equipment used in classified environments i.e. secret and assesses the eavesdropping risk. TEMPEST version (NATO SDIP Level B) of UBEX is also available on request.



LIGHTWARE'S TAURUS RANGE

SETTING NEW STANDARDS FOR USB-C IN ALL MEETING SPACES



The corporate workplace landscape has changed dramatically in recent years. USB-C has rapidly become the standard for connectivity in meeting rooms and collaboration spaces. Lightware's TAURUS product family offers versatile solutions to meet the demands of modern AV environments. Whether it's host switching, seamless content sharing, or extending USB connectivity, our devices are designed to simplify and enhance any setup.

Following the introduction of the Taurus UCX matrix switcher in 2021, Lightware has developed a robust portfolio of the Taurus product line. This has now been recognised as a benchmark for USB-C connectivity in corporate and collaborative environments. Lightware's Taurus devices which demonstrate unparalleled USB-C capabilities, catering to a wide range of applications — from small workstations and huddle rooms to medium-sized meeting spaces, classrooms, and expansive boardrooms.



TAURUS UCX: THE FUTURE OF USB-C CONNECTIVITY

The Taurus UCX is Lightware's flagship USB-C solution, designed to streamline connectivity in modern meeting spaces. It supports seamless host switching, content sharing, and device connectivity, ensuring a hassle-free user experience. **Ideal for small and medium-sized meeting spaces**, it provides reliable performance and sets the standard for USB-C integration.



TAURUS TPX: EASY USB EXTENSION UP TO 100 METERS

The Taurus TPX expands on the capabilities of the UCX, offering extended USB-C connectivity up to 100m to overcome distance limitations. It enables seamless communication between devices and peripherals, ensuring consistent and high-quality performance across larger meeting spaces. **Perfect for medium to large conference rooms**, it provides flexibility and scalability for growing AV demands.



TAURUS TPN: THE CONVERGENCE OF USB AND AV-OVER-IP - INTRODUCING UC-OVER-IP

The Taurus TPN brings USB-C connectivity to its peak with advanced features for meeting spaces of all sizes. It combines host switching and connectivity extension with a compact design, making it ideal for huddle and board rooms. This solution ensures smooth operation while maintaining high standards of usability and performance.



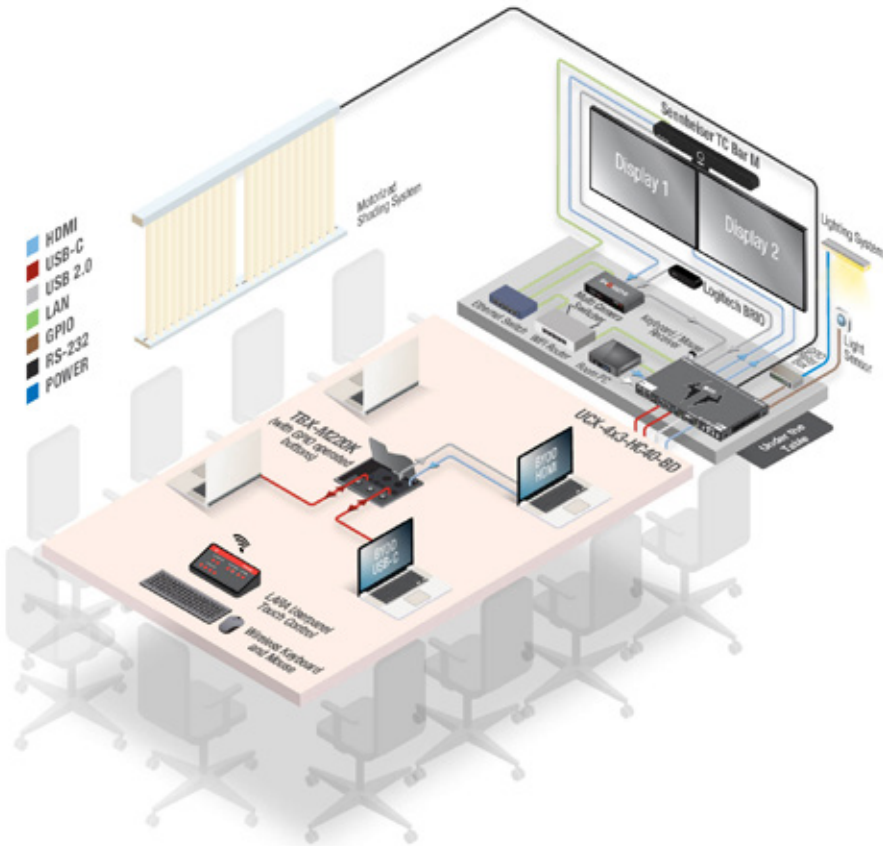
Taurus UCX, is a universal matrix switcher designed to tackle the common challenges of meeting rooms and collaboration environments.

- With its incredible features and benefits, TAURUS UCX supports:**
- **Full BYOD and BYOM functionality.** Employees can use their laptops to join any UC platform and remain confident in their seamless operation
 - **Leverage of USB room assets**, such as cameras, speakers, microphones, mice, and keyboards
 - **Laptop charging** while presenting
 - **Access to the internet and network**
 - **Control of other room assets** such as drapes, lights, displays, and more



TAURUS UCX Universal USB-C Matrix Switcher combined with our LARA (Lightware Advanced Room Automation) software is a true game-changer for hybrid meeting spaces providing outstanding features and benefits, including:

- **Full HDMI 2.0** compatibility allowing **4K 60Hz 4:4:4 signals**
- **USB-C Connectivity and Charging up to 100W**
- **USB 3.1 Gen1 connectivity** and Host switching layer
- **Analog and DANTE/AES67** audio de-embedding
- Simplified and **Automated Room Utility Controls**
- Enhanced **Ethernet Security Features**



THE POWER OF USB-C

Collaboration • Control • Connectivity
Convenience • Charging



TAURUS SMART DOCK UCX-1X1-C40

The Taurus **UCX-1x1-C40**, also known as the **Taurus USB Type-C Docking Station**, stands out as a groundbreaking docking station that transcends typical workstation capabilities. Perfectly **suited for IT environments**, Taurus UCX-1x1-C40 is **ideal for individual workstations** or as a **standalone docking station**, providing **flexible BYOM features** and elevating any workspace with a powerful, professional docking experience.

- Taurus Smart Dock functions as a high-performance docking station, **crafted specifically with IT needs** in mind rather than traditional AV.
- **LARA automates the meeting room environment**, providing adjustments and controls that enhance the user experience effortlessly.
- **UCX-1x1-C40 is designed with large enterprises in mind, offering IT departments the ability to monitor and manage docking stations remotely** for uninterrupted operations and timely support.
- **Supports a wide range of devices**, allowing for smooth, flexible meeting setups across multiple formats and technology preferences.

TAURUS USB TYPE-C DOCKING STATIONS

- HDMI
- USB-C
- USB 2.0



WHY CHOOSE THE TAURUS SMART DOCK?

The Taurus UCX-1x1-C40 is a 2-in-1 solution that combines the functionality of a professional docking station with a high-powered, automated meeting room solution. It brings together the convenience of BYOM, the efficiency of remote management, and the intelligent automation of LARA, making it a must-have for any streamlined and dynamic workspaces.

NEW VARIANTS

Universal Matrix Switcher with USB-C Connectivity and Dante USB Audio Bridge



UCX-4x3-HC40-BD

The device utilizes USB-C connectivity for a simplified transmission of 4K video, audio, control signals and power, and allows data speeds of up to **5 Gbps under the USB 3.1 Gen1** and allowing video resolution capabilities up to **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 (120W total), thus eliminating the need to look for a wall plug and to avoid sudden interruption of meetings.

The switcher also thrives when it comes to audio capabilities, offering analog audio de-embedding features as well as support for DANTE/AES67 network connection. The UCX-4x3-HC40-BD universal matrix switcher with **Dante USB Audio Bridge** feature facilitates **two-way Dante functions**, enabling its use in meeting rooms equipped with a Dante microphone or other sources, all without the need for an external DSP or Dante/USB dongle.

Elevate Your Meeting Experience with Seamless Dual Screen Extended Desktop Connectivity



UCX-4x3-HCM40

Taurus UCX-4x3-HCM40 seamlessly extends your **BYOD device's display** to **two screens simultaneously**, eliminating the hassle of managing multiple cables and cables. Our innovative technology delivers two independent screens through a single USB-C cable, ensuring a clutter-free and streamlined workspace.

Maintain your BYOD device's battery throughout your meeting with **100W charging capability**. Additionally, enjoy seamless connectivity with Gigabit Ethernet, enabling you to remain connected to your network and access data seamlessly.

Compact Rack-mountable Transmitters for Easy Integration



UCX-4x3-TPX-TX20-R / UCX-4x3-TPN-TX20-R

The transmitters deliver the same functionality as the UCX-4x3-TPX-TX20/TPN-TX20, now in a **convenient rack-mountable form factor**. Designed with efficiency in mind, all ports are located on the

back panel for easy access and streamlined cable management. An additional feature includes **Power over Ethernet (PoE)** on one Ethernet for control devices.



Technology that offers Unrivalled Collaboration Experience in Boardrooms and Conference Halls

Extend USB-C Signals up to 100m

UCX-4x3-TPX-TX20



HDMI-UCX-TPX-RX107



Extended Video Connectivity

seamless integration of USB 2.0 (High-speed 480Mbps) and HDMI 2.0 4K@60Hz 4:4:4 signals over distances of up to 100 meters



Connectivity for multiple USB hosts

connect up to 8 peripherals and switch between different host devices (camera, speakerphone, touch monitor, etc.)



BYOM Compatibility in Larger Spaces

USB-C connectivity for audio, video, control, data and charging laptop or mobile device up to 100W



Easy Cabling and Cost-Saving

remote powering the RX unit over a single CAT cable, no additional power outlet and adapter needed

Taurus TPX features

Single CAT connectivity **up to 100m**, with **Power delivery** from TX to RX, Video, USB2.0, Ethernet, OCS and Serial

- **USB-C** input connectivity for 4K Video, Audio, Data, and Power
- Multiple **USB 2.0** connectivity for **any type of USB devices**
- Independent **USB Host switching** layer for multiple USB hosts, **up to 8 devices**

- **Charging via USB-C** up to 100W (120W total)

- **Multiple Ethernet network configurations**

- SSH, SSL, HTTPS for **IT security**

- **Occupancy sensor (OCS)** connection at the RX device (with 24V power supply), GPIO control ports at TX device

- **Welcome Screen** for custom corporate logo and on-screen display warning messages

- **CEC** at the HDMI outputs

- **Audio** de-embedding

- Room device control via **Ethernet** (TCP/IP) or **Serial** (2x at TX device, 1x at RX device)

- Supports uncompressed **HDMI 4K** signal formats (4K UHD @60Hz RGB 4:4:4, up to 18 Gbps, 600 MHz pixel clock)

- Supporting **Lightware Advanced Room Automation** (LARA)



Boardroom AV over IP solution with Networked UCX

Single Source to be Transmitted to Multiple Destinations via 10G Ethernet networks

The Taurus TPN is a convergence of Lightware's Taurus TPX universal extenders and the TPN series extenders. This powerful combination of Lightware technologies **elevates the USB-C capabilities of the Taurus into the AV-over-IP ecosystem.**



UCX-4x3-TPN-TX20



HDMI-TPN-RX107AU2K-SR

Full-Featured USB-C and SDVoE Integration

UCX-TPN integrates comprehensive USB-C functionality with SDVoE technology, ensuring versatile connectivity and high-performance video distribution

HDMI2.0 4K@60 4:4:4 Matrix Switching

Supports seamless matrix switching of HDMI2.0 signals at 4K@60Hz, ensuring pristine video quality over a 10G network

Independent USB 2.0 Matrix Switching Layer

Features a dedicated USB 2.0 matrix switching layer that operates independently, supporting multiple USB devices (e.g. webcams, microphones, touch screens)

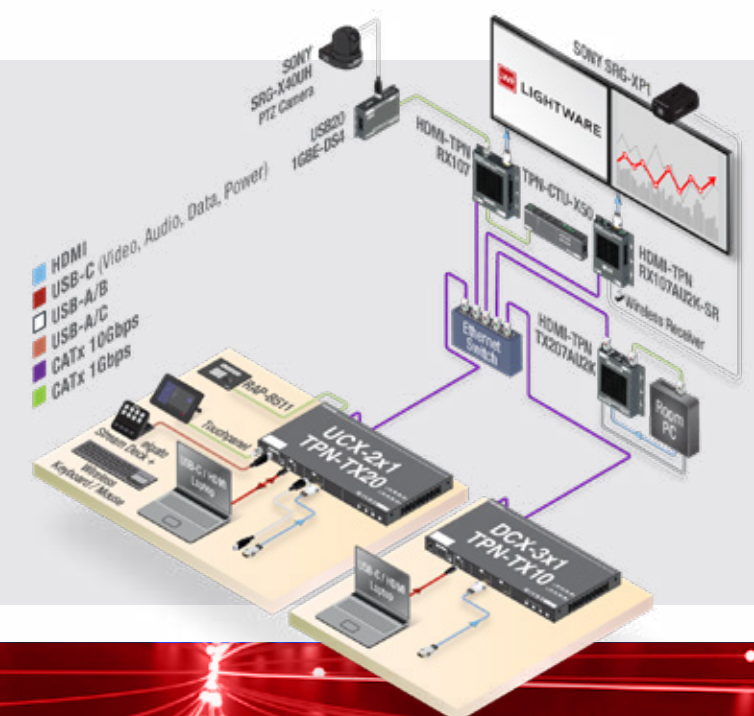
Automated and User-Controlled Switching

Enables both automated and user-controlled matrix switching through various intuitive user interface devices, providing flexibility and ease of operation

UC-over-IP: Peerless Solution for Large Meeting Rooms, Boardrooms and Conference Rooms

The UCX-TPN is a cutting-edge device that combines full-featured USB-C and SDVoE technology, providing superior HDMI2.0 4K@60 4:4:4 matrix switching over a 10G network.

It features an independent USB 2.0 matrix switching layer, supporting multiple USB devices from various endpoints. Users benefit from both automated and user-controlled switching through various interface devices, ensuring seamless video transitions and the best possible switching experience.



1G AV OVER IP – TRANSPORTING 4K@60 HZ 4:4:4 VIDEO AND USB 2.0

THE GEMINI GVN SERIES DEVICES WERE DESIGNED FOR 1GBPS ETHERNET NETWORKS AND CAN ALSO OPERATE IN POINT-TO-POINT CONFIGURATION WITH DIVERSE APPLICATION POSSIBILITIES.

We recommend GVN for applications where scalability, flexibility and rapid deployment are in focus. They are simple to install and to operate, and have numerous built-in services that most other manufacturers only provide for an extra cost.



- Uncompressed 4K60Hz 4:4:4 signal extension
- Operation over 10Gb Ethernet networks with 2x10Gb links
- End-to-end redundancy
- Rapid rebooting
- Instantaneous seamless video source switching
- KVM functionality
- Seamless compatibility with network equipment
- An open API
- Full Analytics and diagnostics
- Minimum rack space usage

UBEX offers unique redundancy capabilities for extremely large-scale solutions. With dual network ports, each being utilized on a dedicated network switch, UBEX enables zero downtime operation.



Unlimited Endpoints

GVN can be expanded from a single point-to-point extension to virtually unlimited endpoints



Advanced EDID Management

GVN transmitters and receivers support all major EDID resolutions and are capable to scale video up to 4K60 4:4:4



Built-in USB 2.0 ports

GVN has built-in USB 2.0 ports to support cameras, microphones, interactive touch surfaces, keyboards/mice, and more



HDCP Compliant

GVN is HDCP compliant



Fast Switching

GVN has seamless switching

LIGHTWARE EXTENDS

Lightware's AV-over-IP technology seamlessly delivers multimedia content across dynamic corporate settings, including conference rooms, collaborative workspaces and digital signage networks.

AV-over-IP, widely recognized as the leading industrial method for multimedia signal delivery, is therefore the optimal solution for corporate applications. Driven by our customers' needs, we offer transceivers for both, 1Gbps and 10Gbps Ethernet networks.

Our GVN, TPN, and UBEX product families enable reliable audio-video signal transportation in applications where scalability, flexibility, and rapid deployment are critical. For environments operating on 1Gbps networks, GVN extenders deliver unmatched efficiency, capable of scaling video up to 4K60 4:4:4 with seamless switching and USB 2.0 peripheral distribution.

GVN offer extension from point-to-point architecture up to literally unlimited end-points

GVN's EDID and scaling functionality secures seamless handshaking for multiple displays on the network

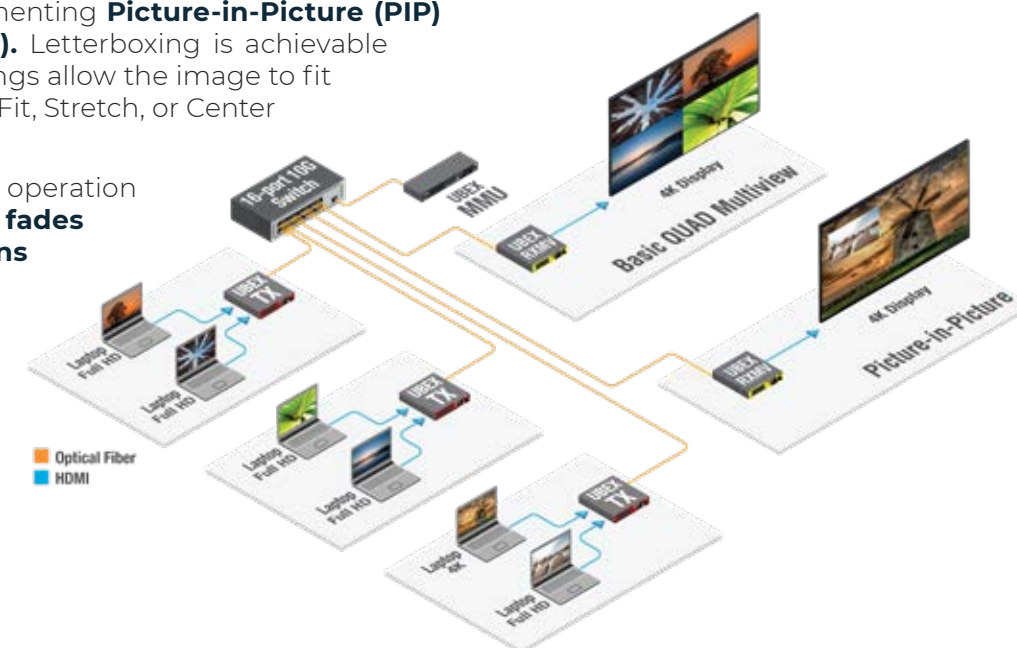
GVN's built-in USB 2.0 ports support cameras, microphones, touch surfaces, keyboards/mice

Multiviewer Operation Mode

The UBEX receiver in multiviewer operation mode is able to receive 5 video streams (in matrix mode) from the network and create two output videos from them. The 1st output is the multiview built from the 4 streams, and the 5th stream is the 2nd output.

The output image can be positioned in any manner, including the option to turn it off for implementing **Picture-in-Picture (PIP)** and **Picture-by-Picture (PBP)**. Letterboxing is achievable within each channel, and settings allow the image to fit into the specified frame using Fit, Stretch, or Center options.

In addition, in the multiviewer operation of UBEX, it is possible to set fades for different image transitions using an external controller through the alpha layer.



Featuring an open API, UBEX enables any third-party control system to fully control Lightware products, bringing peace of mind to the system integrator and IT staff, while the control room operators enjoy the functionality and power of a future-proofed AV-over-IP solution.

Cybersecurity is a critical component for control rooms. As a result, Lightware is consistent in providing solutions featuring enhanced encryption and security by enabling HTTPS support, password protection over HTTP and HTTPS, and IEEE 802.1X support.

PARTNERSHIPS

AT LIGHTWARE, WE BELIEVE THAT SUCCESSFUL INTEGRATION IS KEY TO UNLOCKING THE FULL POTENTIAL OF MODERN AV TECHNOLOGY. WE HAVE FORGED STRONG ALLIANCES WITH LEADING TECHNOLOGY PARTNERS, CREATING A DYNAMIC AND FLEXIBLE ECOSYSTEM. BY COLLABORATING WITH COMPANIES SPECIALIZED IN VIDEO CONFERENCING, AUDIO, NETWORK MANAGEMENT AND CONTROL SYSTEMS, LIGHTWARE PROVIDES COMPREHENSIVE SOLUTIONS, TRUSTED BY GLOBAL BRANDS.



Sennheiser and Lightware have joint efforts to offer a proven and tested solution that provides an improved experience for remote users. **TAURUS UCX with LARA firmware process information from Sennheiser microphones and PTZ cameras to track and focus on speakers in the room** and so enhance visual information for distant participants.



Lenovo offers an extensive range of unified communication solutions for meeting rooms of all sizes, including the **ThinkSmart Full Room Kit MTR bundle**. This package includes the core computing device, a control interface, an AI-driven camera, a smart soundbar with microphones, and premium remote manageability software **to power Microsoft Teams Rooms on Windows (MTRoW) systems**.



Poly's expertise in high-quality video and audio conferencing equipment is a natural fit for **Microsoft Teams Rooms**. When combined with Lightware's signal management devices, **Poly's room bars deliver flawless video conferencing experiences with integrated audio and video capabilities**. Whether in a boardroom or an open collaboration space, Lightware's **Taurus UCX and Taurus TPX** product lines seamlessly **integrate with HP/Poly's range of all-in-one videoconferencing units**.



In joint aspiration for creating enhanced meeting room experience, **Barco and Lightware offer** a seamless and feature-rich **solution for hybrid collaboration** in small to large meeting spaces and boardrooms. **Barco ClickShare CXSeries technology and Lightware's TAURUS UCX switcher turn the meeting space into a unified communication powerhouse** by harnessing all the benefits offered by the USB-C technology. Together, we enable maximum flexibility and functionality of wireless and wired hybrid meetings.



Cisco and Lightware collaborate through the **integration of Lightware technology with Cisco Room Devices, offering an expanded number of inputs** for greater versatility. Through this partnership, **users can control** room elements like.

Lights and shades directly from the Cisco Room Navigator, **extend** connectivity with USB and Ethernet and **share** audio-visual sources seamlessly across varied room types. The integration supports the Room Kit series, Board Pro and more and enables **Cisco Room Kits to function as independent USB cameras and speakerphones in BYOD meetings**.



The cooperation between Lightware and Netgear brings significant benefits to users. Through pre-tested solutions, **developers have validated TPN, CVN, and UBEX with Netgear switchers**. This ensures seamless integration, **delivering smooth AV-over-IP performance** with easy configuration and high reliability. The collaboration supports **high-quality AV and UC transmission**, accommodating **4K60 signals** and high-speed networking at **1G, 10G, and 20G for crystal-clear visuals** and smooth operation. The setup process is simplified through **plug-and-play deployment**, leveraging pre-configured Netgear AV Line switches to minimize installation hassle. **Scalability** is another advantage, as the solutions effortlessly adapt to setups ranging **from small meeting rooms to expansive, multi-display environments**. Additionally, **centralized control** simplifies the management of both AV and network systems. This partnership guarantees a streamlined, reliable, and future-ready AV-over-IP experience.



Lightware collaborates with industry-leading companies to deliver top-tier solutions. From hardware to software, whether fully integrated or perfectly compatible, each of our partnerships offers innovations that advance the ProAV market. Learn more about Lightware's Integration Solutions:

<https://lightware.com/integrations>

Mirror Mirror Art Experience Used Our UBEX AVoIP Solution

Lightware's **award-winning UBEX AV-over-IP solution** delivered signal across stunning Mirror Mirror, an **immersive art experience**. The **creative installation** in the heart of the city of Adelaide, **South Australia** was held from June 28th to July 30th 2023.

For Mirror Mirror, a **custom pavilion, 18m x 65m x 9m, was erected in the centre of the CBD in Victoria Square** to create a custom home for the activation. The immersive art experience Mirror Mirror was created and produced by Moment Factory.

Novatech Creative Event Technology offered a technical solution for Mirror Mirror in a collaborative partnership with Moment Factory & Illuminate

Adelaide. Novatech supplied key items of the project's equipment including audio, lighting and vision elements.

For content delivery, Novatech confidently opted for Lightware's technology, tested by years of the most challenging live events installations. They deployed **UBEX AV-over-IP solution for all transport of signals from the central control room across to six various zones**.

Each zone relied on UBEX devices delivering signal directly to the equipment both **suspended 10m in the air and at various spots around the Pavilion**. With **Lightware's 18 units of UBEX-PRO20-HDMI-F120**, Novatech ensured **delivery of uncompressed content at zero**

latency and smooth integration with network equipment. **Using the UBEX'S dual network ports**, each being utilized on a dedicated network switch, **Novatech provided complete redundancy** for all signals.

Leko Novakovic, Managing Director of Novatech Creative Event Technology says: **"UBEX has changed the game in the large-scale signal delivery for our larger projects. We had confidence that UBEX was the best choice for 100% reliable and versatile delivery of critical program and control content/signals for a long-running activation"**.

We Deployed Taurus UCX In A New York-Based Financial Institution

RoomReady selects Lightware's Taurus UCX to promote interoperability with Poly- and Windows-based system across hundreds of meeting rooms nationwide.

Headquartered in Manhattan, New York City, the world's largest custodian bank and securities services company was established to provide a client-first approach. The company operates in 35 countries with over 50 offices and retail locations. **RoomReady, a leading AV integrator, was selected to complete a nationwide integration for the industry-leading financial institution.**

"The client was operating with a Poly-based video conferencing system across Microsoft Teams.

They wanted a solution that enabled users to easily connect their devices to share their content, switch hosts and control meeting room technology easily and intuitively." - said Izzi Demara, marketing manager for RoomReady.

RoomReady tabbed Lightware's Taurus UCX, a revolutionary unified communications (UC) connectivity solution that bridges the gap between BYOM applications and USB-C devices, as the backbone for the system. Taurus UCX allows seamless connectivity across various video conferencing applications, including Cisco Webex, Microsoft Teams, Zoom and others.

"We integrated Lightware's Taurus UCX alongside Poly Studio, Eagle

Eye Director II, Studio X30, Studio X50, Studio X70 and Studio E70. The Taurus UCX works very well with Poly, Windows and other platforms because it doesn't require a lot of exhaustive configurations and unnecessary hardware. Lightware's simplicity, yet robust functionality, has been key to a long-standing successful technology partnership " explained Demara.

Lightware's Taurus UCX is the latest in world-class technology, enabling users to maximize their experience with boardroom or meeting room technology. Taurus UCX can be controlled via button panels, web browsers or by connecting a source. Together with the auto-switching and room control capabilities, Taurus UCX creates a simplified collaboration solution.

Eurovision Song Contest Used Lightware's Technology

Eurovision Song Contest 2023, United Kingdom, Liverpool, used Lightware's unrivalled OPTC fiber optics extension technology as part of the technical supply by Adlib. To provide the **best visual experience across the Eurovision Village 2023 and multiple activations around the city of Liverpool**, Adlib used the unique array of features of OPTC fiber optics extension solution from Lightware Visual Engineering.

With years of experience in delivering large-scale live events and their professional approach to developing optimal solutions that utilize the best technology, **Adlib was entrusted to provide the technical production for the Eurovision Village, including audio, lighting, and video.**

For Eurovision Village, the **Adlib team deployed 2 of Lightware's MX2-8X8-HDMI20-Audio-L matrix switchers and 6 pairs of HDMI20-OPTC-TX/RX220-Pro extenders** to enable switching and transporting of uncompressed 4K UHD at 60Hz 4:4:4.

Adlib's team have been using Lightware for about 10 years. Adlib's Project Manager, Nicholas Whitehead, remarks: **"On the fiber side of things, we do not think there is a better product on the market, the flexibility of the Lightware units is unbeaten, and we constantly make use of the EDID management, ethernet pass through and remote monitoring."**

Outlining the deployment of Lightware's technology, Nick

commented: **"As part of the Eurovision Village, we delivered 2 delay screens. One of them utilized a pair of Lightware's OPTCs; one going over 500 meters and the other reaching out to deliver the signal up to 700 meters, which was the output side."**

Overall, for **9 Days** of back-to-back events, the **Eurovision Village welcomed over 250,000 visitors** from around the world.

"The technology we deployed did not skip a beat, including Lightware OPTC220s, which allowed for a reliable and secure fiber connection for the duration of the village" **Nick concluded.**

University of Sharjah Deployed 170 Units of TAURUS UCX

The University of Sharjah (UoS) is the largest university in the United Arab Emirates. It is a rapidly evolving educational venue. For several years, the University has been implementing a digitalization programme for its campus. The Covid challenges brought around the necessity to provide distance learning.

They needed touchless control, preferably the one available from personal devices to avoid infection, they expected seamless connectivity, and on top of that, the IT team looked for the technology that would **keep the instructors' devices powered and running for hours.**

Before awarding the technology for their classrooms, the **IT specialist had examined and**

run about 30 proof-of-concept tests. They sieved through brand after brand, to choose the one that would respond to the specific needs of the UoS's educational staff. **Lightware's TAURUS UCX-4x2-HC30 went far beyond the expectations of the instructors and IT team**, richly featuring the power of USB-C technology embedded in one single device.

"It was like 10 years ahead of the competitors, very intelligent, very powerful, and not very expensive," says Mr. Khaleel Ahab Dajani, Sr. AV Officer of the University.

170 units of TAURUS UCX were installed jointly by IT specialists of the University and their contractor **in a remarkably short time of just 4 weeks**, proving its outstanding

ease of deployment. **TAURUS UCX offered the benefits of seamless USB-C and HDMI 2.0 connectivity to switch uncompressed 4K60Hz 4:4:4 signal.** With TAURUS UCX supporting remote access, the **IT team** has dramatically **increased its efficiency by monitoring and managing up to 170 units of TAURUS UCX** deployed in classrooms **across the campus remotely.**



Read more case studies here:
lightware.com/news/category/case_studies

WE ARE GREEN FOR THE SAKE OF THE GLOBE'S SUSTAINABLE FUTURE

Lightware is committed to managing all operations and services in an environmentally responsible manner and employing methods and policies to contribute to environmental sustainability.

We aim at **preventing and minimizing pollution from manufacturing, packaging, and daily operation** and constantly review our activities and **set goals to reduce** our impact on the environment. We pay attention to monitoring, evaluating, and refining our energy consumption and waste management.

Employees are encouraged to minimize paper waste: where possible, all administrative **documents are emailed rather than printed & posted**, incoming faxes are diverted to email while unavoidable paper waste is recycled. When it is absolutely necessary to print, **we use recycled paper in the printers** and copiers and print in eco mode to save ink and energy. Empty print cartridges and toners are collected, treated and when possible, recycled by a contracted service.

In developing our products, we take sustainability very seriously. **We design, develop, and assemble Lightware prototypes in Budapest and so reduce our carbon footprint on transportations.**

We consciously do not overdesign our products and so **reduce colorful but chemical painting**. Neither do we practice garish and heavy design of our packaging.

We strive to make our packaging smart using every inch of the inner space of each cardboard, packing up crates, and containers effectively. We always use **recycled paper for the packaging** and have minimum plastic inside.

We have **consciously reduced accessories to accompany master products** to reduce the amount of wiring that is likely to be excessive and so wasted away.

Our offices incorporate energy-efficient lighting systems and our air-conditioning infrastructure is regularly maintained by professional technicians. When a lighting tube or bulb goes out, we always change it to an LED-based solution.

We participate regularly in Corporate Social Responsibility (CSR) events and actions. Besides ad hoc events, the Lightware team cleans a designated area of trash in the city on the annual 'Clean-Up Day', under the Let's Clean Up Europe initiative. www.ewwr.eu/take-part/#LCUE



We are proud to announce that Lightware has successfully obtained the EcoVadis sustainability bronze certification in 2024!

EcoVadis is a sustainability assessment platform for companies, which helps in measuring and improving their sustainability performance.

They evaluate various aspects, such as the following:

- Environment
- Labor & Human Rights
- Ethics
- Sustainable procurement

This achievement underscores Lightware's commitment to sustainable business practices and our contribution to building a sustainable future.



WE STAND BEHIND OUR PRODUCTS WITH OUR EXPERTISE AND COMPREHENSIVE SUPPORT

Lightware Visual Engineering is continuously **strengthening its presence around the globe** and providing comprehensive technical support and training for our partners and end users:

- We are now present in **more than 30 countries**.
- **Our AV Integration Team is available to assist in developing the optimum project for your unique requirements.** You can reach our AV Integration team at av-projects@lightware.com

Our Experience and Training Centers are located in prominent locations like **Paris, London, Madrid, Singapore, Warsaw, Düsseldorf, Sydney** and also in **Switzerland**.

They are available for our partners to receive demonstrations of Lightware's award-winning products and solutions. **We are continuously working on opening new experience centers** to welcome visitors and encompass a comprehensive understanding of our solutions.

<https://lightware.com/experience-centers>





Discover Lightware Academy, our new training platform, master the art of the AV market and stay ahead of the competition. **Choose the course that matches your level** and start your learning journey today.



Learn More:
academy.lightware.com

We treasure our partnerships and strong relationships and we aspire for long-term successful cooperation with you.
This is how we stay innovative and successful.



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