

VIDEOLINK



LUNDHALSEY

MuxLab GEFEN



LEYARD
PLANAR eyevis

ARBOR MEDIA
BROADCAST & CONFERENCE APPLICATIONS

TERACUE





ISE 2020 Index

MuxLab	3
4x2 HDMI 2.0 Quad-View Processor	3
MuxControl.....	3
Gefen	4
New Retail Splitter.....	4
Next Leap in AV Over IP.....	4
Leyard / Planar / eyevis	5
Ultra-fine pitch LED technology	5
LCD Video Wall Solutions for Best-in-Class Visual Performance.....	5
Transparent OLED Technology for See-Through Installations	5
Teracue	6
Teracue Application Cloud (TAC).....	6
New Multi Stream Decoder DEC-400	6
About Videolink AG	7



MUXLAB

4x2 HDMI 2.0 Quad-View Processor

The 4x2 HDMI 2.0 Quad-View Processor allows up to four HDMI 4K/60 sources to be simultaneously presented on one or two displays at 4K/60 as a multi-view arrangement. The user may select from one of five default multi-view layout presets, or from eight custom layout presets (resized and position as required with PIP support) in order to tailor their multi-view setup.

The unit supports transitions including seamless, fade-in & fade-out, wipe, and dissolve when switching in full screen mode. Pass through of all audio formats is supported, including 2CH audio extraction via two RCA jacks. The user may provide a background and logo to be displayed.

The unit may be managed locally via front panel push buttons or remotely via IR (IR Remote is included), RS232 and over an Ethernet network, and comes with rackmount brackets for a 19" rack, and a 12VDC @ 5A Power Supply.



MuxControl

MuxControl supports the full range of MuxLab's AV over IP product line. Because some of the newer products support multiview features when creating video walls, MuxControl gives users a lot of control over the various types of video walls they can create with multiple displays in various configurations. All of this is managed by a visually appealing system that can be configured exactly to the environment. Users can use a room template or simply take a photo of their location and upload it. Next, they select their equipment and place it on the image, which vastly simplifies system control. For those managing AV systems in different rooms or installations on the same network, a new feature allows users to swipe right between rooms that have been created in the app, great for quickly accessing different systems.



GEFEN

New Retail Splitter

Gefen introduced two special version of HDMI splitter with 8 outputs. The 1:8 splitter will be able to control the screens using CEC control. This feature was implemented with the retail market in mind where often customers or employees play around with the TV's and switch them off accidentally or select another input and forget to switch back again. The new splitter will detect this kind of issues via CEC and will then follow predefined actions tasks to turn on the screen again and e.g. change the input back to the default source.

The second version is a 2:8 version with changeover functionality on the input side. The splitter will detect when the input signal (e.g. a digital signage player) goes down or changes the resolution. If such an event happens the splitter switches automatically to input 2 in order to have a proper signal feeding the screens. It also can switch automatically back to input 1 if the signal there becomes available again.



Next Leap in AV Over IP

Gefen introduced a major upgrade for the AV over IP product line. With the newest firmware version shown at ISE 2020 Gefen AV over IP products will be able to independently route Video, Audio, USB, IR and RS-232 signals. This allows much more flexibility in the design of AV over IP installation. The software update will also be available for existing installations.





LEYARD / PLANAR / EYEVIS

Ultra-fine pitch LED technology

Leyard presented an ultra-fine pitch LED technology demonstration of a 0.6 millimeter video wall featuring micro LED. Measuring 216-inches and delivering compelling 8K resolution, the technology demonstration shows the outstanding visual performance of micro LED technology, representing the company's largest and finest pixel pitch LED video wall display supporting 8K to-date and a new standard for the video wall market.



LCD Video Wall Solutions for Best-in-Class Visual Performance

Leyard has also showcased the expanded Clarity® Matrix® G3 LCD Video Wall System product line, including the new 55-inch model with a sub-1 millimeter tiled bezel and enhanced visual performance, as well as the new 65-inch model featuring 4K resolution, unmatched pixel density and larger uninterrupted viewing area. Clarity Matrix G3 MX55M LCD video wall displays feature a 0.88 millimeter tiled bezel width, nearly half of the smallest bezel size of the Clarity Matrix video wall line. The Clarity Matrix G3 MX65U-4K LCD video wall display quadruples the resolution of the long-standing industry standard 55-inch display, providing much greater pixel density and uninterrupted display area.



Transparent OLED Technology for See-Through Installations

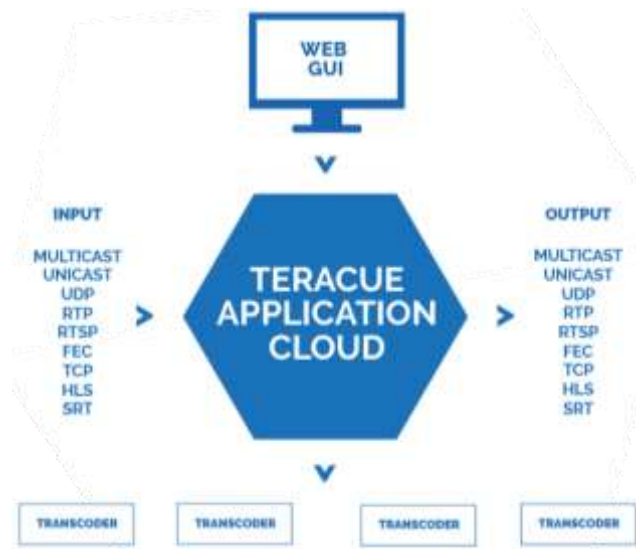
The next-generation Planar® LookThru™ Transparent OLED Display was also on display at ISE 2020. Planar LookThru makes it possible to create truly see-through installations with a virtually frameless glass design by utilizing cutting-edge Organic Light Emitting Diode (OLED) technology, eliminating the need for a backlight or enclosure. With 38 percent light transmissivity, the glass delivers all the benefits of interactive digital signage while allowing consumers to see the product or scenes behind the display. Available in 55-inch with full HD resolution, Planar LookThru is ideal for retail merchandising, corporate displays, museum exhibits, award or trophy cases in education or corporate settings, tradeshow exhibits and a wide range of architectural applications.

TERACUE

Teracue Application Cloud (TAC)

Teracue presented their new Teracue Application Cloud (TAC) at the Leyard booth. TAC allows generating or managing any signal / stream formats while operating the complete service via a WEB GUI. To addressing multiple transcoders with different input and output signals. This gives maximum flexibility and comfort.

ICUE-GRID, is a flexible and decentralized IP-based video wall solution for the variable representation of video streams. ICUE-GRID enables online control of live and on-demand content in virtually any image resolution. The pure IP video data and the distributed processing offer a limitless architecture. The latest addition is the NDI protocol from NewTek.



New Multi Stream Decoder DEC-400

In addition, Teracue introduced the new Multi Stream Decoder DEC-400. The all-rounder is a professional as well as compact H.264 and MPEG-2 SD / HD IPTV decoder. This innovative device will be compatible with all Teracue 400 Series products and will be available in a rugged, fanless, portable package. The DEC-400-HDMI is a lightweight decoder that gives devices easy access to professional IPTV and streaming solutions.

The ENC-400 is a fanless HD / SD H.264 video encoder for transmitting multiple streams to different destinations with different bitrates and protocols. The built-in frame synchronizer guarantees stable signal processing. Both inputs provide a looped output and can be used as redundancy or to transmit two individual input signals. A modern, web-based interface allows the encoder to be managed quickly and efficiently.



ABOUT VIDEOLINK AG

Videolink AG in Thalwil is a Swiss Distributor for Broadcast and Pro A/V products with more than 20 years' experience in broadcast, signal management and video transmission area. Excellent product and current market knowledge, flexibility in service and individual customer service set us apart.



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