KVM VIDEO WALL

WEYTEC visualizationPLATFORM

Video Wall with KVM functionality

WHY WEYTEC

VIDEO WALL SOLUTION

... with freely placeable and scalable pictures - even on personal screens

The WEYTEC visualizationPLATFORM (WVP) transforms an entire display environment into a personal visual workplace with a boundless pixel area. The hardware-based IP solution displays PCs and video sources in freely scalable windows on monitors and video walls. It integrates separate displays into a continuous visualization surface, across which operators can react and interact more efficiently.

All sources can be freely and individually placed, scaled and moved – even on a single monitor – for the simultaneous display of x-different sources. Thanks to the modular architecture, the solution can be extended to a virtually unlimited number of sources and screens.

The WVP is designed for 24/7 operations.

- Based on KVM IP extenders
- Completely hardware-based solution without software installations on sources
- Independent of operating system
- Supports screens in resolutions up to 4k@60Hz
- All sources can freely be placed, scaled and moved across any number of screens
- Easy switching between layouts (presets)
- Redundant architecture
- Developed for 24/7 operations
- Fully integrated in the WEYTEC switchingPLATFORM & distributionPLATFORM solutions

WHY WEYTEC

REDUNDANT ARCHITECTURE

... without a single point of failure

Benefits
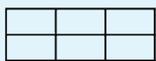
Multiple Video Walls
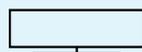
Multiple Personal Walls

Scalable & flexible display of KVM sources in windows

Modern operation with WEB application
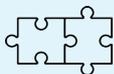
Combinable with WEYTEC KVM solutions

Integration of cameras and IPTV streams

Cost-effective KVM IP extenders

MADE IN SWITZERLAND

User Access

The WVP can be managed using a web-based user interface with a graphical editor. Users can easily adjust the position and size of windows as well as activate layouts (presets). All changes are transmitted in real time to the regular and personal video walls.
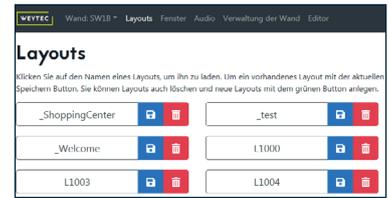
Use Case

IP Remote transmitters, IP video encoders, IPTV headends, IP cameras and other streaming sources can be displayed on the video wall. Every display is connected to a dedicated smartVISUAL Receiver. The solution supports multiple display types and resolutions. The smartVISUAL Receiver can freely scale and position all video signals. Communication between the sources and receivers is via a dedicated standard IP network. The solution is controlled by one or more redundant master units.
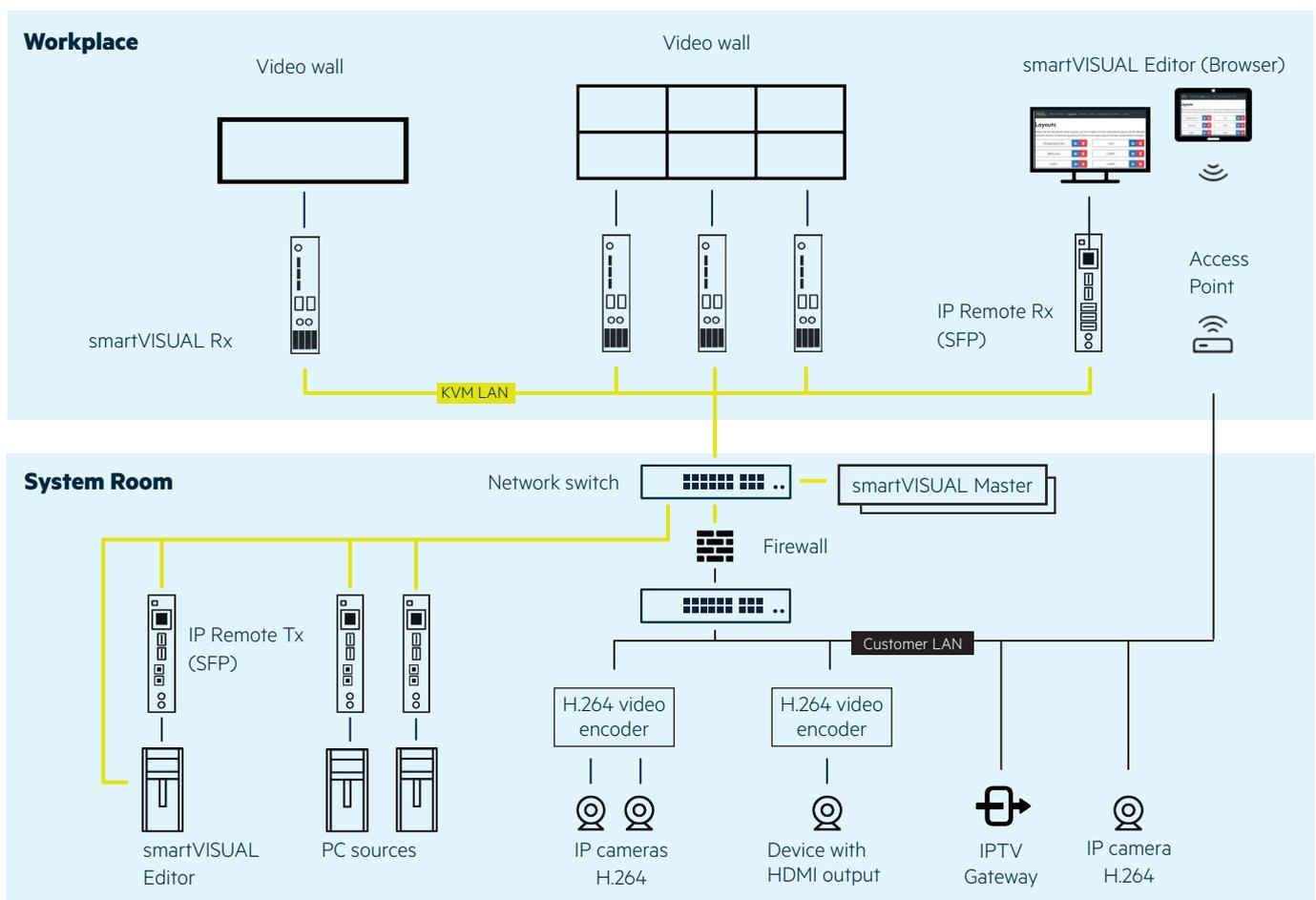
Available products

Art. No.	Description
22771A508CA_SVM2 / 24120R2	smartVISUAL V2 Master (i7-6822EQ) / smartVISUAL V2 Receiver
22771A408FA_MT	ultraFLEX miniPC V2, I5-6442EQ, 8GB RAM, mSATA 500GB (inkl. OS Win10)
24870TR_X / 24872T_X 24872TDP_X / 24873T_X	IP Remote I Transmitter / IP Remote II Transmitter IP Remote II Display Port Transmitter / IP Remote III 4K Transmitter
24870RR_X / 24872R_X 24872RDP_X / 24873R_X	IP Remote Receiver / IP Remote II Receiver IP Remote II Display Port Receiver / IP Remote III 4K Receiver
23661 / 23662 / 23664 / 23175	Chassis und Boxen (1 slot, 2 slot, 4 slot, 16 slot)
22970, 22971, 22972, 22980A, 22983	SFP Module (Kupfer oder Glasfaser)
24727_xx	Network Switch

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