PANIO Video Wall Controllers

Discover PANIO's powerful and versatile video wall controllers, engineered to transform your digital signage and visualization experiences. Explore the cutting-edge features that elevate your content and simplify video wall management.

PANIO CH4412: Compact 4x4 Control

Seamless Switching

Achieve flawless transitions between content with the CH4412's 0-second seamless switching, eliminating black screens and delays.

Flexible Inputs/Outputs

Support HDMI 1.4a, HDCP 1.4, and 2 audio embedding/separation channels for a versatile video wall setup.

Intuitive Control

Manage your video wall with ease using remote control, TCP/IP, RS-232, or onboard buttons.

PANIO®

PANIO CH8812: Scalable 8x8 Matrix

1 Expanded Capacity

Control up to 8 displays in a video wall with the CH8812's 8x8 matrix configuration.

2 Advanced EDID Management

Resolve display compatibility issues with the CH8812's EDID processing technology.

3 Synchronized Content

Ensure your video wall content stays in perfect sync with the CH8812's multi-screen TV wall synchronous display.

Versatile Control Options

Remote Control

Convenient remote control operation for quick adjustments.

TCP/IP

Comprehensive network-based control for seamless integration.

RS–232

RS-232 serial communication for advanced control and integration.

Buttons

Onboard buttons for direct, hands-on control of the video wall.

Exceptional Image Quality

1 High Resolution Support

Both controllers support up to 1080p video resolution for stunning image clarity.

2 HDMI 1.4a and HDCP 1.4

Ensure content protection and compatible signal transmission.

3 EDID Processing

Resolve display compatibility issues for a seamless viewing experience.

PANIO®

Efficient Video Wall Management

Seamless Switching

Enjoy instant, black-screen-free transitions between content.

Synchronized Display

Keep your video wall in perfect sync with multi-screen TV wall capabilities.

Vertical Splicing

Achieve seamless vertical video wall configurations with external processing.

PANIO®

Audio Integration

1

Embedding

Integrate audio directly into the video signal for a complete A/V experience.

2

Separation

Extract audio from the video signal for independent audio routing and control.

3

Flexibility

The CH4412 supports 2 audio channels, while the CH8812 supports 8 channels.

PANIO®

Elevate Your Video Walls

PANIO CH4412	PANIO CH8812
4x4 Video Wall Controller	8x8 Video Wall Controller
Compact and Versatile	Scalable and Powerful
Ideal for Smaller Installations	Suited for Larger Video Walls