



C4S Pro Series

4K@60Hz Non-Windows Based Mini Video Wall Controllers

Flexible Video Layouts

Provides a Multi-Layer content display, with up to 4 live sources per output in PiP, PbP, PoP or a custom view.

Real 4K Quality

With no compromise on image quality, the C4S delivers a crisp 4K experience at 4:4:4, which ensures all details will be clearly presented.

Small

Small 1U/19" design that will fit all your Videowall needs.

Easy & Simple

Utilizes a simple setup and control with a minimal learning curve.

Reliable

Pure-hardware FPGA array. No embedded OS, designed for 24x7 mission-critical working conditions.

Audio Mixer Inside

HDMI Audio can be de-embed and be switched to an analog 3.5 jack for use on an external audio system

Features

- Pure hardware architecture, without the Windows blue screens, virus risks, breakdowns or vulnerabilities
- Win, iOS & Android Easy to use APP Interface
- 20 sec boot up time
- 16ms switching time between sources or previews
- Real 4K-UHD, 60Hz 4:4:4 support for all inputs and outputs
- Audio De-embedding
- Optional 3rd party external control by RS232 or IP commands

Applications

Corporate, Gaming and Hospitality, Digital Signage, Retail, Higher Education, Healthcare & Industrial.

C4S-1U4XxB | Technical Specification

| Part No. | C4S-1U4X4B | C4S-1U4X8B | C4S-1U4X12B |
|----------------------------|--|------------------------|------------------------|
| U Size | 1U | 1U | 1U |
| Inputs | 4 | 4 | 4 |
| Outputs | 4 | 8 | 12 |
| Input/Output Type | HDMI 2.0 | | |
| Input Resolution | 3840x 2160 60Hz, chroma sampling 4:4:4 Per Input/Output | | |
| Output Resolution | | | |
| Digital Audio | All ports support HDMI Digital audio In and Out | | |
| Analog Audio | 1x 3.5mm mini-jack audio output supports audio extract with volume adjust | | |
| DHDCP Support | HDCP 2.2 | | |
| EDiD | EDiD Management + Custom EDiD | | |
| Customized Resolution | Support, Up to 3840x2160@60Hz | | |
| Source Switching Response | ≤20ms | | |
| Window Creating Response | ≤16ms | | |
| Preset Recalling Response | ≤16ms | | |
| Viewing Options | PiP, overlay, Crop, Custom / Free Style View | | |
| Preview on APP | Preview input content and virtual video wall display (* Need second LAN connection on the same segment) | | |
| Input Voltage (V) | 100-240v AC 50/60Hz | | |
| Max Power Consumption (w) | 130 w | 180 w | 230 w |
| Operating Temperature | -10° to +40 °c / 14 to 104 °F | | |
| Storage Temperature | -10 to +70 °c / 14 to 158 °F | | |
| Operating Humidity | 10% to 85% Non-Condensing | | |
| Storage Humidity | 10% to 90% Non-Condensing | | |
| MTBF | 100,000 Hours | | |
| Net Dimension (L*H*D) | 483 x 44x 406 mm | | |
| | 19 x 1.73 x 16 Inch | | |
| Shipping Dimension (W*D*H) | 560 x 170 x 525mm | 560 x 170 x 525mm | 560 x 170 x 525mm |
| | 22 x 6.69 x 20.67 Inch | 22 x 6.69 x 20.67 Inch | 22 x 6.69 x 20.67 Inch |
| Net Weight | 4.12kg | 4.12kg | 4.12kg |
| | 9.1 lbs | 9.1 lbs | 9.1 lbs |
| Gross Weight | 5.42kg | 5.42kg | 5.42kg |
| | 11.95 lbs | 11.95 lbs | 11.95 lbs |
| Installation Option | 19" Rackmount or Self Stand | | |
| Maintenance | Firmware upgrade by GUI connection | | |
| Control Methods | Win, iOS & Android APP by RS232 or IP (UDP) | | |

C4S-1U4XxB | Images

C4S-1U4XxB - Front



C4S-1U4X4B - Back



1U/19" 4 HDMI Inputs on 4 HDMI Outputs Mini Video Wall Controller

C4S-1U4X8B - Back



1U/19" 4 HDMI Inputs on 12 HDMI Outputs Mini Video Wall Controller

The information contained in this document is subject to change without notice.
All product, product specifications and data are subject to change without notice