

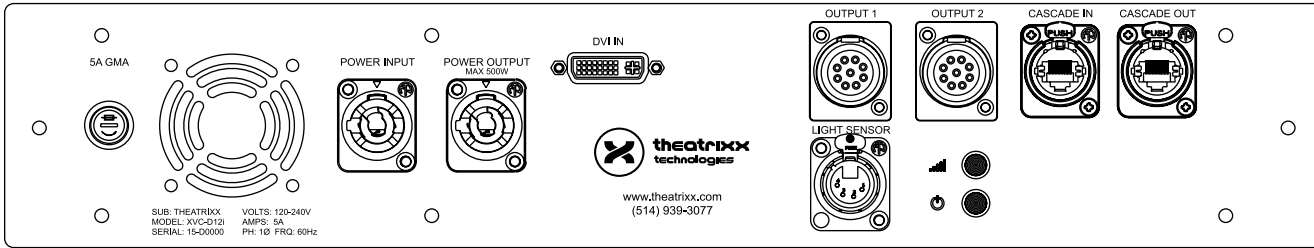
xVision Control Processor

XVC-D12i



At the core of any xVision system lies the system processor, which is responsible for encoding digital DVI video into our proprietary serial data protocol. The processor takes care of panel remote control and monitoring, and with its four outputs allows for active or passive redundancy connections, as well as allowing multiple LED surface to be controlled with the same processor. Frame-accurate synchronization accross processors when large, complex video walls can be achieved with multiple processors without any noticeable delay or lag.

Good hardware is worthless without being easy to understand, powerful software. The learning curve of xVision Control for anyone who's ever worked with LED screens is virtually non-existent. With an added number of features, such as real-time monitoring, current limiting and optional automatic brightness controller, it fits any application.



Video processing

Input	DVI-D female connector
Input Resolution	1920 x 1080 Full HD
Max number of tiles	1024
Max output resolution	1 Megapixel (500.00 px per output)
System latency	< 5 ms
Scaling	No

LED Tiles Control

Mapping	Stored in processor
Monitoring	Tile health, voltage, temperature
Calibration	Per pixel, stored in tile or module
Redundancy	Closed-looped using single processor, hot take-over using two processors
Output protocol	Proprietary serial video & data over UTP

Interfaces

Video input	DVI-D
Output to tiles	2 x XVT9
Computer interface	USB-B

Physical

Voltage input	90-250VAC, 50-60 Hz
Power consumption	150 watts inrush, 60 watts typ.
Dimensions	19" x 9" 7/8 x 3" [4.3 cm x 25cm x 7.3 cm]
Standard rack size	2U
Weight	10 lbs [4.54 kg]