PYX16

Overview

PYX16 is a professional LED display controller. It possesses powerful video signal receiving, splicing and processing capacities, and supports multiple signal inputs up to 4096×2160 pixels. It supports HDMI/DVI inputs and seamless switching between signals.

PYX16 adopts 16 Gigabit Ethernet outputs, and it supports large LED displays of 8192 pixels in maximum width and 4096 pixels in maximum height.

Features

- Supports quad digital signal ports, including 4× HDMI/DVII；

- Supports input resolutions up to 4096×2160@60Hz；

- Loading capacity: 8.88 million, maximum width: 8192 pixels，maximum height: 4096 pixels;

- Supports arbitrary switching of video sources; the input images can be spliced and scaled according to the screen resolution;

- Supports HDCP 2.2;

- USB2.0 for high speed configuration and easy cascading among controllers;

Input Interface		
1	Digital Input	Quad HDMI/DVI input with Adaptor
Output Interface		
1	Port1-16	RJ45，16 Gigabit Ethernet outputs, which can be arbitrarily spliced
Controlling Interface		
1	LAN	Network control (communication with PC, or access network)
2	USB	USB input, which connects with PC to configure parameters
3	Genlock	Genlock signal input ensures synchronism of display image
4	Genlock Loop	Genlock synchronous signal loop output
5	RS232	RJ11 (6P6C) *，used to communicate via 3rd party interfaces
Power		
1	AC 100~240V	AC Power Interface

Specification of Complete Machine	
Size	2U standard box
Input Voltage	AC 100~240V
Rated Power Consumption	100W
Working Temperature	-10℃~50℃
Weight	12kg