

EVISION HD102



■ Features

DMX support

512 channels on DMX;

Supports brightness, contrast, saturation, hue, color temperature adjustment and more. The processor can be integrated in the stage control (lighting, fog machine, etc)

Control by Ethernet

With up to 100m Ethernet cable (much longer than USB cable) HD102 can realize different on-site setting with remote control even when standing in front of the LED display.

Hot Backup

Ensure the signals from the master and slave Ethernet ports synchronize perfectly. If one of the Ethernet cables disconnects, there is no flicker on the screen when switching to backup signal. Enable to synchronize settings on the main and backup port at the same time, avoiding complicated procedures.

Fiber Output (Additional Option)

To realize this function, you are required to purchase Evision Fiber Optic Transceiver Module and Evision Fiber converter additionally.



■ Specifications

Processor		HD102
Video Input	DVI	Yes
	DVI Loop	Yes
	HDMI	Yes
	HDMI Loop	Yes
Output	Ethercon	x 4 (support CAT-5 & CAT-6)
	Fiber	X 2 (Optional)
Control ports	USB	Type A out & Type B in
	DMX	Input and loop output
	Ethernet	Yes
	Gen-lock	Yes reference in & out
Power	Power in	Neutrik True1
LCD front pad	LCD front pad	LCD, Function keys and USB type B

Items	Specification	DMX	EIA485 Port
DVI input	Max: 1920x1080 @60Hz/50Hz	Network port (control)	100Mbit Ethernet (Ethercon)
	1400x1536 @60Hz/50Hz(max height)		
	2560x820 @60Hz/50Hz(max width)		
	Frame rate: 30Hz 50Hz 60Hz and any other frame rate. Adjust automatically according to video source.		
HDMI input	Max: 1920x1080 @60Hz/50Hz	Fiber output (Optional)	Fiber Output x2;
	1400x1536 @60Hz/50Hz(max height)		Max: 1036800 pixels per port;
	2560x820 @60Hz/50Hz(max width)		Max Height: 1536 pixels (Need video source support)
	Frame rate: 30Hz 50Hz 60Hz and any other frame rate. Adjust automatically according to video source.		Max width: 2560/512 pixels (Need video source support)
USB	USB 2.0. WinXP, Win Vista, Win7, Win8, Win10.	Fiber converter (Optional)	Max distance: 5km (from processor to fiber convertor.)
Data Output	Ethercon x4.		100V~240V 50/60Hz;
	Max: 518400 pixels per port.		x2 Fiber input;
	Max Height: 1536 pixels (Need video source support)		x4 data output.
	Max width: 2560 pixels (Need video source support)		Ethercon connector
Data Output (in low latency mode)	Max distance: 100m (from processor to panel, from panel to panel. Support fiber convertor.)		Max: 518400 pixels;
	RJ45 Output x4.		Max Height: 1536 pixels (Need video source support)
	Max: 518400 pixels per port.		Max width: 2560/512 pixels (Need video source support)
	Max Height: 1536 pixels (Need video source support)		Max distance: 5km (from processor to fiber convertor.)
Power input	Max width: 512 pixels (Need video source support)		Gen-lock
	Max distance: 100m (from processor to panel, from panel to panel. Support fiber convertor.)		
	EU, US, EN, standard. 100V~240V 50/60HZ.		