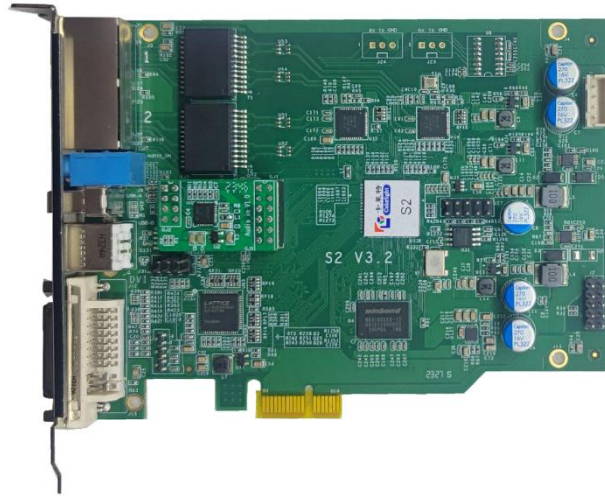


Hubit LED S2 Sending Card



Overview

The LED sending card is a compact control solution designed for reliable LED display management and signal transmission. Supporting DVI input, dual Gigabit Ethernet outputs, and real-time configuration, it enables stable, high-performance control for a wide range of LED display applications.

With support for up to 1.31 million pixels, flexible screen splicing, and low-brightness image optimisation, the sending card provides efficient and versatile LED display control for commercial and professional installations.

Key Features



Dual Gigabit Outputs

Supports stable high-speed LED data transmission.



1.31 Million Pixel Load

Supports resolutions up to 1920 × 1200.



Flexible Screen Splicing

Supports custom screen arrangements and cascading.



Real-Time Configuration

Live configuration and adjustment via USB connection.



Low Brightness Optimisation

Improved grayscale performance at low brightness levels.



Wide Compatibility

Compatible with a broad range of LED receiving cards and peripherals.

Video Source Interfaces

Type	DVI
Receiving Resolution	1920 x 1200 Pixels
Frame Rate	Standard 60Hz, and Auto Adjustment

Network

Gigabit Ethernet Output	x2 RJ45
Port Control	1280 x 512 Pixels per Port / 1280 x 1024 Pixels both Ports Max Width: 2560 Pixels Max Height: 2560 Pixels
Transmission Distance	CAT5E <140M CAT6 <170M Optical Fibre – Unrestricted
Port Cascading	Up-Down or Left-Right Cascading Defined by User
Transmission Mode	Frame Mode (Gigabit Ethernet) with CRC

Compatibility

Receiving Card	Compatible with all series of Colorlight receiving cards
Peripheral	Multifunction cards, Optical Fibre Transceiver, Gigabit Switcher

Power

Input	Wafer VH2.54mm-4P: DC 3.8V/5.5V PCI-E 1X: DC 12V
Rated Consumption	6W

Mechanical

Dimensions	135.16 x 101.93mm
Net Weight	100g

External Interface

Configuration Port	x2 USB
Real-Time Configuration	Supported
Brightness and Colour Temperature Adjustment	Supported
Smart Detection System	DVI Interface Detection
Real-Time Clock	Supported

Additional Functions

Multi-Screen & Size System	Supported
Background Play	Supported (Extended Mode)
Audio Transmission	Optional (Support audio input with synchronous transmission via Ethernet cable)
Bit Error Detection	Ethernet Cable Quality and Malfunction Detection

Ordering Information

Part Number	HTL-LED-CTRL-CLS2SC_01
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Unit Structure

