

# MV-HB4I

HDBaseT Seamless HD Input Card



## DESCRIPTION

It is specially designed for smart HD seamless hybrid matrix in the market. It supports digital HD 1080P signal, featuring high integration. The quantity of the boards is optional as needed. It is very convenient for application and maintenance.

## FEATURE

- Support 4 high-speed RJ45 input interfaces.
- Fast and seamless switching, no flicker, no black screen.
- Support power off memory protection, and unique ESD electrostatic protection function;
- Support infrared serial port transparent transmission (With the HDBaseT sending/receiving box, it can realize infrared serial input and output);
- Use CAT5e/6 wire, the maximum input distance is up to 100M;
- Compatible with HDBaseT protocol;
- Support hot swap, plug and play, extremely convenient.
- Input maximum resolution: 1920x1200P@60.

## Technical specifications

### MV-HB4I

Interface	4CH high speed RJ45
Protocol	HDBaseT protocol
Pixel bandwidth	165MHz, full digital
Interface bandwidth	2.25Gbps, full digital
Maximum resolution	Normal-PC: 1600x1200@60_24bit HDCP: 1920x1200P@ 60_24bit HDTV: 1920x1080P@60_36bit
Signal type	High-speed differential signals defined in the HD BaseT protocol
Network cable power supply	With POC power supply function, it can provide remote power supply for TS-9506 series twisted pair transmitter, which is convenient for system wiring.
Maximum DC offset error	15mV
Maximum power consumption	26W
Weight	About 0.5Kg
Recommended maximum input distance	Up to 100 meters, at 1920x1200@60 (NEXANS CAT5e/6 dedicated wire is recommended)

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*Performance specifications are typical. Due to constant research, specifications are subject to change without notice. For the most up-to-date specifications, please contact an authorized Starview representative.*

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