A5s

RECEIVING CARD

The A5s is a high-end small receiving card developed by Novastar.

A single A5s loads up 320×256 pixels. Supporting the pixel level brightness and chroma calibration, individual gamma adjustment for RGB, and 3D functions, the A5s can significantly improve the display effect and user experience.

The A5s uses high-density connectors for communication to limit the effects of dust and vibration, resulting in high stability. It supports up to 32 groups of parallel RGB data or 64 groups of serial data (expandable to 128 groups of serial data). Its reserved pins allow for custom functions of users.

Thanks to its EMC Class B compliant hardware design, the A5s has improved electromagnetic compatibility and is suitable for various on-site setups.



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PRODUCT DETAILS

KEY FEATURES

- Pixel level brightness and chroma calibration
- Immediate adjustment of dark and bright lines caused by splicing of modules or cabinets
- 3D image output support
- Individual RGB gamma adjustment for a more realistic image
- Image rotation in 90° increments
- Smart module support and automatic module calibration for improved efficiency
- Flash Module management for modules with flash memory
- Mapping function
- Temperature and voltage monitoring without the use of peripherals
- Bit error detection to troubleshoot network communication problems
- Low-voltage differential singnaling (LVDS) Transmission
- Dual card backup and Loop backup for high reliability

SPECIFICATIONS

Maximum Loading Capacity	320x256 pixels
Input Voltage	DC 3.3V to 5.5V
Rated Current	0.5A
Rated Power Consumption	2.5W
Working Temperature	-20°C to +70°C
Working humidity	10% RH to 90% RH, non condensing
Product Size	70 x 45 x 8 mm (2.75 x 1.77 x 0.31 in)

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Product Weight	17.3 g (0,04 lbs.)

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