



VX600

NovaStar



#VX600

The VX600 is an all-in-one controller that integrates sending card functions with video processing. Designed with powerful video processing capability, it supports 7 video inputs and 6 Gigabit Ethernet outputs. Based on the powerful FPGA processing platform, the VX600 supports multiple transition effects, such as quick seamless switching and fade, providing flexible display controlling and outstanding video presentations. The VX600 is equipped with an expansion card which can connect a USB drive to play the media files stored in it. By connecting a mouse and monitor, the USB playback can be intuitively monitored in real-time.

Power connector

1 AC100-240V~50/60Hz

Power consumption

65 W

Operating temperature

-20°C to +40°C

Dimensions



483.6 mm x 250.1 mm x 45.0 mm

Package dimensions

550.0 mm x 400.0 mm x 175.0 mm

Net weight

2.71 kg

Total weight

5.9 kg

Input

2x 3G-SDI

Supports input resolutions up to 1920x1080@60Hz and downward compatibility.
Supports both progressive and interlaced signals.
SDI1 supports de-interlacing.

2x USB 2.0

Connects to a mouse/keyboard, or connects to a USB drive to play media files stored in the drive. The supported USB drives and the formats of the media files in it are described as follows.
USB drive: FAT/FAT32
The USB drive cannot be a partitioned one or used as the system startup disk.
Picture file format: JPG, JPEG, BMP, PNG and WEBP
Video file format: MP4, AVI, MKV, MOV, 3GP, FLV and MPG
Video coding: MPEG-1/2, MPEG-4, H.264/AVC, MVC, H.265/HEVC, H.263, GOOGLE VP8, VC-1 and MOTION JPEG
Audio file format: MP3, WMA, WAV and 3GP Audio coding:
MPEG Audio: MPEG1/2/2.5 Audio Layer1/2/3
Windows Media Audio: WMA Version4/4.1/7/8/9, wmapro
WAV Audio: MS-ADPCM, IMA-ADPCM, PCM
FLAC Audio: Compress Level 0-8
AAC Audio: ADIF?ATDS Header AAC-LC and AAC-HE, AAC-ELD
AMR Audio: AMR-NB, AMR-WB

2x DVI

VESA standard
Supports input resolutions up to 1920x1200@60Hz and



downward compatibility.
Supports HDCP.
Supports only progressive signals.

1x DVI LOOP

DVI loop output connector.

2x HDMI

Supports input resolutions up to 1920x1200@60Hz and downward compatibility.
Supports HDCP.
Supports only progressive signals.

Output

Ethernet

6x Ethernet outputs

1x DVI

A monitoring connector, which can be set to preview the editing image or monitor the PGM.

Control

Ethernet

Connects to the PC for communication, or to the network.

USB (Type-B)

Connects to the PC for device control.
Used as the input connector for cascading devices

USB (Type-A)

Used as the output connector for cascading devices.

Certifications

