



# 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.

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**Certifications**

