



GeMNeXT Videowall Control

GeMWall L4



GeMNext Videowall Controller GeMWall L4 – 4U chassis

The GeMWall L4 video wall controllers are GeMNext's latest, high bandwidth processors. Employing cutting edge Crossbar and high speed FPGA technology, the GeMWall L4 with 4U chassis controllers are capable of 24 inputs and up to 8 HD outputs. The layout of the windows can be configured separately by the GeMWall Control software, which offers flexibility within an intuitive interface. The GeMWall L4 systems are pure hardware based controllers, offering extremely fast start-up times. In addition, the systems benefits from a working environment free of viruses and software conflicts, ensuring 24/7 hassle free operational ability.

Features

Advanced Crossbar technology

Four-window overlay ability

FPGA video data process technology

No PC vulnerabilities

1 to 8 display outputs

Fast start up within 5 seconds

HDCP support for DVI/HDMI

Support 4K input capture

Support 4K HDMI 1.4 Output

Multi input option:

DVI-D, HDMI, VGA, YPbPr, CVBS, SDI, HDBaseT, Optical Fiber

Multi output option:

DVI-I (Digital & Analog), SDI, HDBaseT, Optical Fiber

Low power consumption

IP streaming decode support

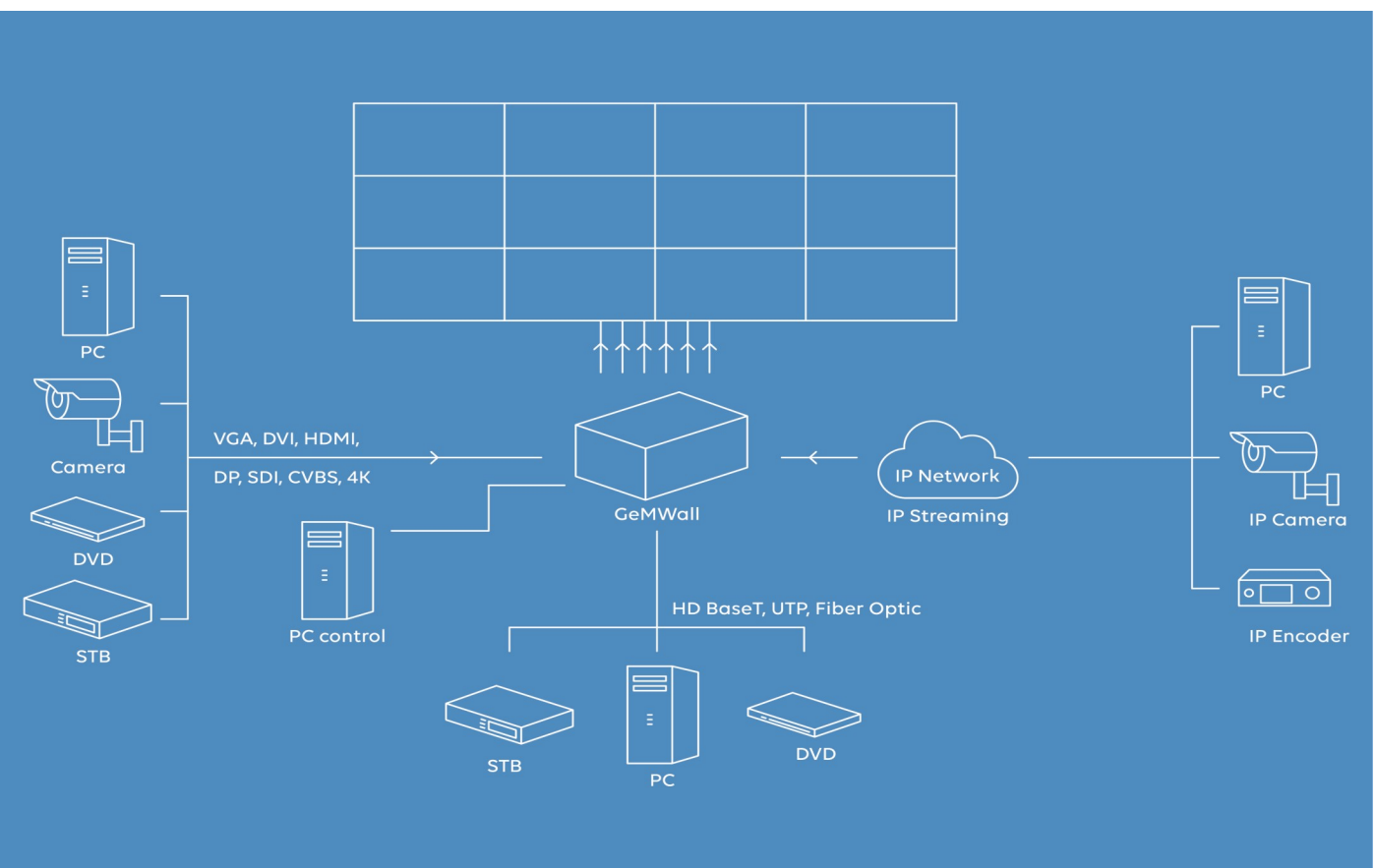
Multi video walls support in one system

1-24 HD DVI/HDMI/RGB inputs capture

1-96 composite video inputs capture

Specifications

Controller Chassis	: 19" ANST/EIA RS-310C standard industrial chassis
Input Channel	: 1 to 24 HD or 1 to 96 SD
Input Format	: DVI/HDMI/VGA, SDI, CVBS, DL_DVI, HDbaseT, Fiber Optical, IP streaming
Output Channel	: 1 to 8 display channels
Output Format	: DVI/HDMI/VGA, SDI, HDbaseT, Fiber Optical
HDCP support	: Yes
Power supply	: Single or RPSU
Input Voltage	: AC 110V to 240V, 50/60Hz
Operation system	: Windows2000/XP/Vista/7/8
Warranty	: 2 years
Operating temperature range	: 0~40 degrees centigrade
Operating humidity range	: 10%-90%
Storage temperature range	: 10~60 degrees centigrade
Storage humidity range	: 10%~90% ML-Technologies B.V.
Control Interface	: RS232 or 10/100/1000M Ethernet Port



Models & Dimensions

Models	Chassis	Dimension mm (W*D*H)	Input		Output
			HD	CVBS	
GWL4-16	4U	482*380*175	24	96	8
GWL4-36	8U	482*380*353	52	208	18
GWL4-72A	14U	482*380*620	96	384	36
GWL4-72B	22U	482*380*975	128	512	72

Chassis



Capture & Output Cards

GW-IN-HDMI4



GW-IN-3SD4



GW-OUT-DVI4



GW-IN-UHM2



GW-IN-SDI4



GW-OUT-HDMI4



GW-IN-DL2



GW-IN-SD16



GW-OUT-UHM2



GW-IN-VGA4



GW-IN-IP8



GW-OUT-HBT4



GW-IN-HBT4



GW-OUT-OF4



GW-IN-OF4



GW-Preview

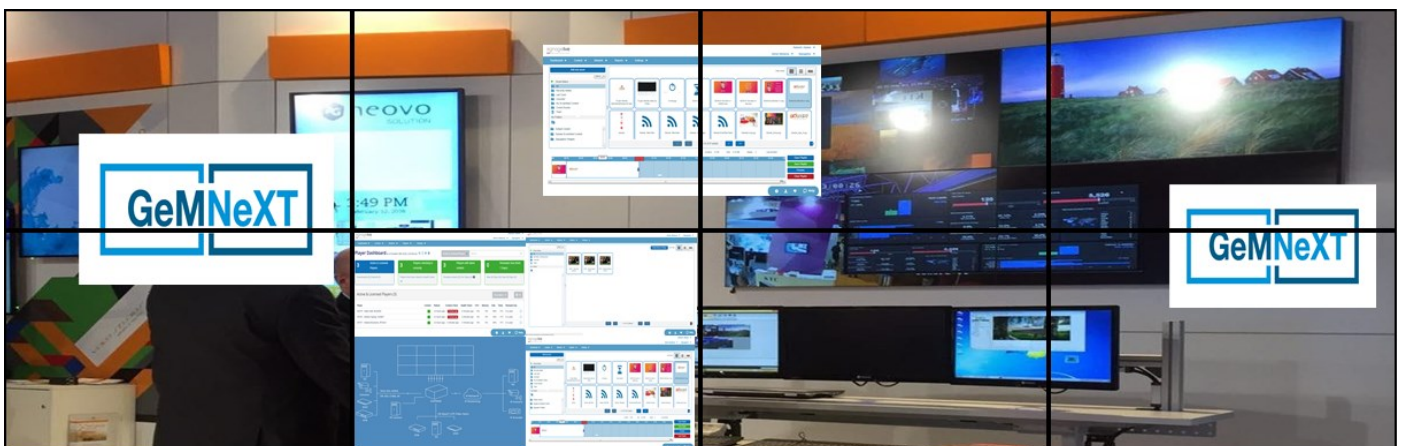


GW-OUT-SDI4



Display Configuration & Software

Example configuration with Layer 4 support. Up to 4 inputs on a single displays. Free layout design & pre-set options for multi-wall and multi layers. Input display through the bezels.



Software for layout design, input management, wall creation, moving input on the video wall and support for cropping.
iPad app for selecting layouts.

