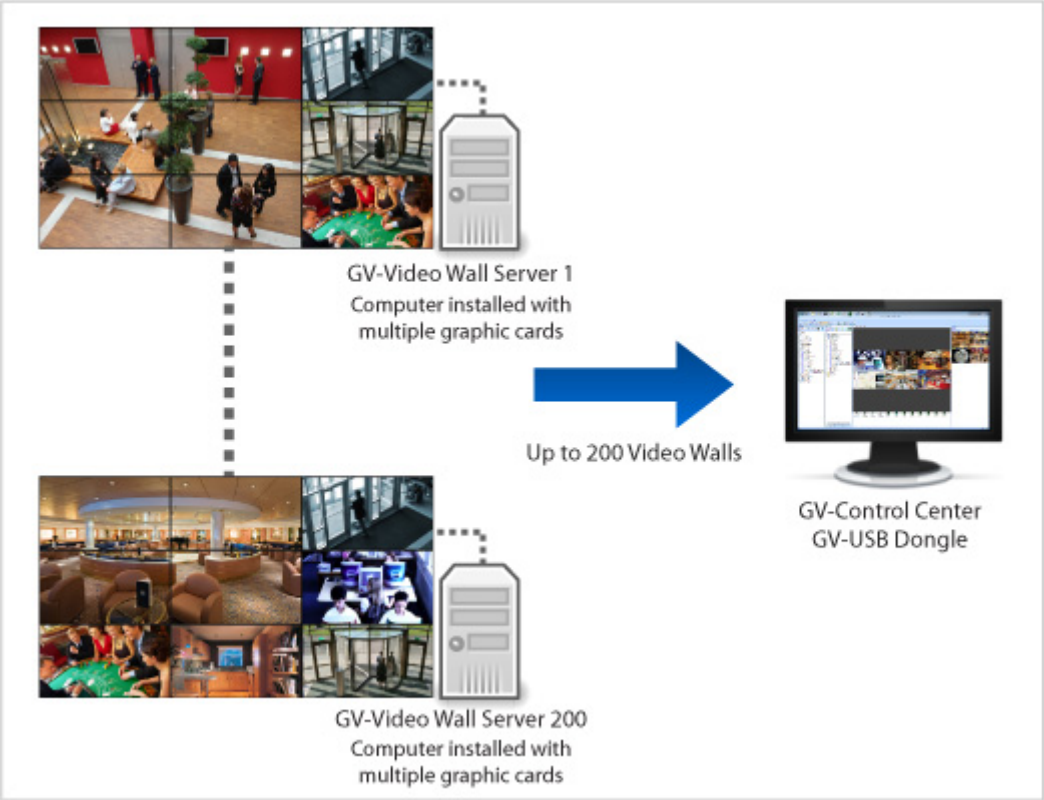
GV-Video Wall

INTRODUCTION

With GV-Control Center, you can remotely configure and manage up to 200 Video Walls, each with a different layout. A video wall is an establishment of multiple monitors on a server, which is a PC installed with multiple graphic cards. Depending on the incoming IP sources, you can display actual-size images on the Video Wall.



Features

On each Video Wall, you can:

- display up to 288 IP channels
- display actual size IP images
- freely adjust the size and position of each channel, whether it be within or across monitors
- display up to 16 zoomed channels with Zoom Window
- display up to 16 Scan Window, each is capable of displaying up to 64 channels in turn, at customizable time interval
- display up to 16 web pages with Web Window
- play back up to 16 videos with Media Window
- play back up to 16 videos with Remote ViewLog Window
- display up to 288 channels of customized view region of remote monitors
- display live views enabled from Remote E-Map

Requirements

OS Supported	64-bit	Windows 7 / 8 / 8.1 / Server 2008 R2 / Server 2012 R2
CPU		Core i7 2600K, 3.4 GHz
Memory		8 GB Dual Channels
Hard Disk		1 GB
Graphic Card		AGP or PCI-Express, 1024 x 768, 32-bit color
DirectX		9.0c
LAN Card		Gigabit Ethernet x 2
Hardware		Internal or External GV-USB Dongle with Video Wall function inserted to GV-Control Center

Note: If you are using more than two graphic cards on a server, make sure they are of the same brand, model and driver version to ensure maximum efficiency.

Software License

Free License	N/A
Maximum License	200 Video Wall servers (Each server can display up to 288 channels)
Increment for Each License	1 Video Wall server
Optional Combinations	1. Control Center + Video Wall (1 to 200 license) 2. Control Center + Vital Sign Monitor + Video Wall (1 to 200 license)
Dongle Type	Internal or external

Note:
1. Make sure you insert a GV-USB dongle with Video Wall function to Control Center server.
2. It is recommended to use the internal GV-USB Dongle to have the Hardware Watchdog function which restarts the PC when Windows crashes or freezes.
3. The Maximum License is a paid service.

Supported DVR Version

The Control Center is compatible with:

- GV-System (GV-DVR/NVR) V8.5 or later
- GV-VMS V14.1 or later

Specifications

Each GV-Control Center can support up to **200** Video Walls with the appropriate dongle. For each Video Wall, you can install and display:

Features	Video Wall
Max. No. of Monitors	Unlimited. *The maximum number of monitors allowed depends solely on the graphic cards installed to the Video Wall server.
Max. No. of Channels	288
Scan Window / Channels	16 / 64
Zoom Window	16
Web Window	16
Media Window	16
Remote ViewLog Window	16
Remote Monitor	288 *On each Video Wall you can display a customized view region of a remote monitor.
Live view from Remote E-Map	1
Language	Arabic, Bulgarian, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hebrew, Hungarian, Indonesian, Italian, Japanese, Lithuanian, Norwegian, Persian, Polish, Portuguese, Romanian, Russian, Serbian, Simplified Chinese, Slovakian, Slovenian, Spanish, Swedish, Thai, Traditional Chinese, Turkish

Note: The total number of camera channels and Remote Monitors displayed on the Video Wall cannot exceed 288.

Note: Specifications are subject to change without notice.

Application

With the appropriate dongles, the Control Center allows you to display application windows such as Remote eMap, GIS, Vital Sign Monitor, Remote Desktop and Remote ViewLog on the defined monitors, along with the Video Wall. This establishment is illustrated below.