

General Specifications

VP6H4600 Multiple-monitor Support Package



GS 33J05H70-01EN

[Release 6]

■ OVERVIEW

This document describes specifications of a software package for allocating operation and monitoring windows on multiple monitors of Human Interface Station (HIS).

■ FUNCTIONAL SPECIFICATIONS

● Overview

This package enables to allocate operation and monitoring views on multiple monitors of an HIS by utilizing the multiple monitor function which supports multiple monitors on MS Windows. The multiple monitors run as independent screens, and a mouse moves across all the screens horizontally and vertically.

By installing this multiple-monitor support package in a computer, in addition to the standard operation and monitoring function, all the monitors can be used for control and monitoring purposes; while only one of the multiple monitors is used for operator and monitoring without this package.

The following functions become available:

- Displaying system message banners on multiple monitors
- Window transfer function (shift function and exchange function)
- Window call up function by specifying a monitor
- Window close function by specifying a monitor
- Print screen function by the monitor

● Detailed Functions

Number of monitors supported: Up to 4 monitors

Full-screen mode/window mode: All monitors are set to either mode.

Up to 8 pop-up windows per HIS in the full-screen mode

Up to 12 views per HIS in the window mode

Depending on the number of views and monitors, data is updated by the cycle of 1 to 4 seconds.

The following views are applicable:

- Graphic view (graphic attribute, overview attribute, and control group attribute)
- Drawing view
- Custom faceplate view
- Logic chart view
- Product control view

■ OPERATING ENVIRONMENTS

● Hardware Requirements

The hardware operating environment conforms to that of VP6H1100 Standard Operation and Monitoring Function.

In addition, following requirements must be satisfied:

Display output: Up to 4

Detailed specification of display output:

One or two dual-output display cards are required. (*1) (*2)

When using two dual-output display cards, both cards must be identical.

*1: A display card that recognizes two monitors on the Windows OS must be used.

*2: DVI connection is used for connecting multiple monitors.

The display output must satisfy the following specifications:

Resolution: SXGA 1280 x 1024 or higher

For a wide monitor; WXGA+ 1440 x 900 or higher (All the monitors must have the same resolution.)

Display colors: True color 16.77 million colors or more (All monitors must have the same display colors.)

● Software Requirements

The software operating environment conforms to that of VP6H1100 Standard Operation and Monitoring Function (*1)

Mandatory software: VP6H1100 Standard Operation and Monitoring Function

- *1: When using multiple monitors, the following conditions must be satisfied.
In a real environment, Windows 10 is running.
Refer to "IA System Products Virtualization Platform"(GS 30A05B10-01EN) for virtualized environment.

■ MODEL AND SUFFIX CODES

		Description
Model	VP6H4600	Multiple-monitor Support Package
Suffix Codes	-V	Software license
	1	Always 1
	1	English version

■ ORDERING INFORMATION

Specify model and suffix codes.

■ TRADEMARK ACKNOWLEDGMENT

The names of corporations, organizations, products and logos herein are either registered trademarks or trademarks of Yokogawa Electric Corporation and their respective holders.