

No Borders No Limitations One Network

Team Collaboration

Connectivity



You have multiple locations and the essence of business is not only getting the right information in but also in executing effective plan of actions by getting it out to your key people in the shortest time possible. For years, highly effective executives have maximized the use of an efficient and reliable video-conferencing systems to gather it's people from multiple locations in one virtual setting without the need to travel. For years, GWST has been providing this kind of solution through GlobalSummit.

Driven by its wireless technology expertise, GWST has combined advanced audio and video technologies with useful features to provide a visual communication tool for all businesses. With the GlobalSummit, long distance meetings can be held as if all parties were in the same room, saving the time and trouble of traveling to distant locations for a simple meeting. Providing you with a new and powerful means of communication, the GlobalSummit will be a mainstay for your business. Add a LCD projector, High Definition Plasma or LCD display and get lifesize high definition video communication images in your conference environment.

The GlobalSummit, with its internal MCU (Multi-Control Unit) capability, supports simultaneous multi-point videoconferences with six endpoints, and a maximum of 10 endpoints when two units are cascaded.

Features & Benefits:

- High-Quality Video/High-Speed Network Connection
- Multi-Point Videoconferencing at up to 10 Sites using optional MCU software
- Site-Name Display
- Flexible Display Patterns at all Sites
- Stylish Design
- Audiovisual (A/V) Recording to Memory Stick Media
- Easy-to-use Remote Commander Unit/Intuitive GUI
- Data-Sharing Capabilities/Digital Whiteboard Support
- Superb Sound
- Memory Stick support
- Secure meetings by AES (advanced encryption standard)
- QoS (Quality of Service) Enhancement Functions

GlobalSummit



The GlobalSummit system possesses the scalability necessary for installation in a range of environments.

The system can be customized with capture, output and display options, and is capable of delivering broadcast-quality video over IP networks utilizing the H.263 standard video codec/4CIF format at a maximum video transfer rate of 4 Mbps. For higher throughput, the GlobalSummit also supports the H.264 standard as well as previous ITU-T standard videoconferencing codecs for enhanced compatibility with legacy systems.

Internal Multi-Control Unit (MCU) enables broad interoperability by bridging mixed calls between ISDN and IP networks, allowing users to match individual speeds rather than drop the performance of the entire system to the lowest rate. The system supports multi-point conferencing with six endpoints or up to 10 endpoints by cascading two GlobalSummit units. A "site name" display makes identification of multiple participants easier.

The Remote Commander wireless remote control further facilitates system operation, and can immediately connect to any one of three contacts pre-programmed into the launch menu with up to 500 additional contacts stored in the address book.

The Remote Commander unit also features a call log that can store the last 32 inbound and outbound calls. Audio and video can be saved to Memory Stick media.

TECHNICAL SPECIFICATIONS:

Video	
Signal system	PCS-G50: NTSC PCS-G50P: PAL
Standards	H.261 (Annex D), H.263 (Annex D,F), H.263+ (Annex J), H.263++ (Annex U,W), H.264, MPEG-4 SP@L3, H.239 Video and Presentation Data Support*
Resolution	SQCIF (128 x 96, reception only), QCIF (176 x 144) CIF (352 x 288), 4CIF (704 x 576, H.263 only), Interlaced SIF (H.263, H.264 only)
Frame rate	Max. 30 frames/s (H.261, H.263, H.263+, H.263++, H.264, and MPEG-4 SP@L3) Interlaced SIF Mode (GS-G50: 60 fields/s, GS-G50P: 50 fields/s)
Bit rate	Up to 4 Mb/s in H.323 (Incl. audio)** Up to 768 Kb/s in H.320 (Incl. audio) when configured with the PCSA -B768S Up to 384 Kb/s in H.320 (Incl. audio) when configured with the PCSA -B384S

Audio	
Bandwidth and coding	G.711: 3.4 kHz at 56/64 Kb/s G.722: 7.0 kHz at 48/56/64 Kb/s G.722.1: 7.0 kHz at 24/32 Kb/s (H.323) G.728: 3.4 kHz at 16 Kb/s G.723.1: 3.4 kHz at 5.3/6.3 Kb/s (H.323) G.729: 3.4 kHz at 8 Kb/s (H.323) MPEG-4 AAC (mono) 14 kHz at 64/96 Kb/s (H.323) at 48 Kb/s (H.320)
Echo cancellation Noise	Suppressor included Automatic Gain Control included

Graphics	
XGA	1024 pixels x 768 lines (H.263), with PCSA -DSB1S
4CIF	704 pixels x 576 lines (H.261 Annex D and H.263)

Global Summit

Picture in Picture	
Sub screen size	4.3" (256 x 192), One of four corners

ITU-T Standards (excludes audio/video standards)	
	H.320, H.323 H.221 Bonding H.281 FECC H.225.0 H.242 H.243 H.245 T.120

Network Protocols	
	TELNET (Server) HTTP (Server) FTP (Server) SNMP (Agent) DNS (Client) DHCP (Client) RTP/RTCP TCP/UDP ARP SIP

Multipoint Capabilities	
	Up to 6 sites (H.320/H.323)*** Up to 10 sites (H.320/H.323)****

Lip Synchronization	
	Manual On/Off

Remote Commander	
Format	Wireless SIRCS

Interfaces (Camera Unit)	
Video	IR for DS150
Terminal	Dedicated 23-pin
AUX camera	8-pin Mini-DIN

Camera Unit	
Image device	1/4 type CCD
Horizontal resolution	NTSC: 470 TV lines, PAL: 460 TV lines
Focal length	3.1 to 31 mm (F1.8 to 2.9)
Focus	Auto/Manual
IRIS	Auto
Zoom ratio	x10 Optical zoom (x40 with digital zoom)
Pan angle	-100° to +100° (Max. 100°/sec)
Tilt angle	-25° to +25° (Max. 125°/sec)
Preset	Up to 6 positions
S/N	More than 50 dB
Others	Back light compensation Auto white balance

System Components and Supplied Accessories
Communication Terminal Camera Unit (includes dedicated 3 m camera cable) Remote Commander AC Adaptor/Power Cord Omnidirectional Microphone IR Repeater x2 Manganese Battery for Remote Commander x2 Operation Manual CD-ROM (Japanese, English, French, Spanish, Italian, German, Portuguese, Simplified Chinese) Operation Guide Quick Connection Guide Cable Connection Guide Worldwide Warranty Booklet Audio Cable (1.0 m) S-Video Cable (1.5 m) Mini DIN 7 -pin to RCA Conversion Connector

Global Summit

General	
Operating temperature	5 °C to 35 °C
Operating humidity	30% to 70%
Storage temperature	-20 °C to +55 °C
Storage humidity	25% to 75%
Power Requirements	GS-G50: AC 120 V, 50/60 Hz, GS-G50P: AC 220 V to 240 V, 50/60 Hz
Power Consumption	DC 19.5 V, 5 A
Communication Terminal Dimensions (W x H x D)	420 x 66 x 256 mm (16 5/8 x 2 5/8 x 10 1/8 inches), excl. projections
Camera Unit Dimensions (W x H x D)	131 x 141 x 130 mm (5 1/4 x 5 5/8 x 5 1/8), excl. projections
Remote Commander Dimensions (W x H x D)	47 x 43 x 195 mm (1 7/8 x 1 3/4 x 7 3/4 inches), excl. projections
Communication Terminal Mass	4.6 kg (10 lbs 2 oz)
Camera Unit Mass	1.0 kg (2 lbs 3 oz)
Remote Commander Mass	180 g (6.3 oz), incl. batteries

* *The optional PCSA-DSB1S Data Solution Box is required to send presentation data.*

** *When the H.261 video standard is used, up to 2 Mb/s is supported.*

*** *Requires optional MCU software. IP/ISDN Bridging is possible.*

**** *Requires optional MCU software. Connections between base units must be IP (H.323). IP/ISDN Bridging is possible*

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You can reach our telephone representatives Monday – Friday, 8:00am to 5:00pm, Est.

To Place Order by Fax (941) 745-2389

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