

GCS-7520 "Talking Head" Videophone



The GCS-7520 VideoPhone is a rugged, portable video conferencing terminal suitable for work anywhere in the world where there is an ISDN line or a suitable Inmarsat terminal. Housed in a waterproof case and using tried and tested technology, the unit is primarily designed for the field broadcast reporter and can be used in the harshest of environments with complete confidence.

Simplicity and flexibility of operation for the lone reporter has been the keyword in the product's development, resulting in a minimum of complex controls. The unit can be powered from the local mains source 90-264VAC 50/60Hz, or a nominal 12V DC source, such as a BP-90A camera battery.

Excellent picture quality at 64/128kbps is assured by the use of the latest H.263 compression algorithms, or if desired high quality (7.5kHz) audio and low speed pictures can be transmitted instead.

A simple mixing facility on the unit enables low-Z microphones and balanced or unbalanced line sources to be connected simultaneously. A custom designed I/O processor optimizes the audio/video for transmission, while providing both professional (XLR/BNC) and domestic (phono) connections. Headphone jack sockets provide both direct and cue (return) signals for monitoring purposes.

An adjustable 6.4" TFT Color display with built-in speaker completes the package.

Storage for cables, microphone, and headphones is provided within the case so that the unit is totally self-contained in a single case.

Applications:

- Electronic/Satellite News Gathering
- Government or military Field communications
- Deployable emergency response video communications
- Temporary video communications from industrial sites (eg: mining, construction, energy)
- Distance learning and Telemedicine applications
- Exploration/research

Options:

GCS-7509 ISDN Line splitter
GCS-7251 NT1 ISDN interface box
RS-232 interface
GCS-7520-02 for dual ISDN port capability

Global Communications Solutions is a full service provider of satellite, wireless and terrestrial communications solutions. We offer a wide range of solutions involving multimedia communications including portable, desktop and enterprise video conferencing solutions.

Contact us for assistance with any of your remote telecommunications or video transmission needs or see our web site at www.globalcoms.com.



GCS-7520 VideoPhone

GCS-7520 TECHNICAL SPECIFICATION:

Video Codec:

ITU-T H.320 video conferencing incorporating H.261 & H.263 video coding
G.711, G.722 and G.728 audio coding
T.120 data exchange (requires optional data connector)

Inputs:

Microphone -
L0-Z, dynamic balanced input 3 pin XLR socket
Line 1 Hi-Z, balanced input 3 pin XLR socket
Line 2 Hi-Z, unbalanced input Phono socket

Video -
75ohm, 1V p-p, (NTSC or PAL) BNC socket

Phono socket

Power -

4 pin XLR plug (1 & 4)
2.1mm Coaxial

Outputs:

75ohm, 1V p-p (NTSC or PAL)
BNC socket
Headphone direct & return mixed
(Stereo ¼ in. Jack socket, A or B style)
Headphone direct (L) and return (R)
(Stereo ¼ in. Jack socket, A or B style)

ISDN:

Euro-ISDN, 64/128kbps with MSN support
North American (NI2, DMS100 & AT&T) S0,
56/112kbps with SPID support
Flying lead with RJ-45 plug - 5m in length

Environmental:

Operating temperature: 0 to 40° C ambient
Non-operating temperature: -10 to 60° C
Operating humidity: 20% - 90%
(non-condensing)
Non-operating humidity: 10% - 95%
(non-condensing)

Controls:

On/Off Power switch
Volume
Brightness
Line 1 level
Line 2 level
Headphone Direct Monitor level
Headphone Return (cue) Monitor level
Mic. presence frequency
Mic. presence boost/cut
Mic. LF cut

Indicators:

On/Off LED and video status indicator
PPM (10 LED display)

Display:

6.4" LCD

Power:

DC, 10.8-14.4V, 20W (9-25V without display)
AC adapter 12V @ 3A, Input 90-264VAC/47-400Hz
Remote control unit requires 2 x AA battery

Accessories:

12V vehicle cigar lighter adapter (supplied)

Physical:

Housed in black plastic, waterproof, carry case with handle

Dimensions:

H 6.1"(155mm), W 14"(356mm), D 10.4" (265mm)

Weight:

12.05lbs/4.5 kg excl. battery

NOTE: Order a GCS-7520-02 if dual ISDN ports are required.



Headquarters

7640 Omnitech Place Voice: +1.585.924.4840
Victor, New York 14564 Fax: +1.585.924.8332
H.320 Video: +1.585.742.2174/78

Web site: www.globalcoms.com

Field Offices

Chicago IL: +1.773.248.8686

Email: info@globalcoms.com