Camera Studio System

AG-BS300
Base Station

AG-CA300G
Camera Adaptor

AG-EC4G
Extension Control Unit

AG-YA500G
VF Interface Box

The camera must be purchased separately.
The products shown in this photograph are under development and differ from the actual products.
Excellent Cost-Performance for Camera Studio System
Supporting a Wide Range of P2 HD and DVCPRO HD Camera-Recorders

This new camera studio system boosts the level of cost-performance for a wide range of P2 HD and DVCPRO HD camera-recorders. BNC cables transmit degradation-free HD digital images up to 328’ (100 meters). Plus, in addition to giving you full remote control of camera functions and recording, the system supplies power to the camera and provides return images and signals including mic of intercom. The ability to operate with both AC and DC power brings camera extension system recording to a variety of studio and field applications.

**Supported Camera-Recorders**

- **DVCPRO HD:** AJ-HDX900

**AG-BS300 Base Station and AG-CA300G Camera Adaptor**

- Digital signal transmission ensures high-quality, degradation-free images.
- The base station and camera adaptor can be separated up to a distance of 328’ (100 meters).
- Connection with two BNC cables allows transmission of HD digital images, return images, tally signals, mic signals, and genlock signals.
- Connection of the AG-EC4G Extension Control Unit or AJ-RC10G Remote Control Unit enables camera-recorder control.
- Up to 70 watts of power can be supplied to the camera-recorder and a compact monitor and servo zoom can also be driven.
- AG-BS300: Supports both AC (100 to 240 V) and DC (12V) power supplies. Includes two SDI (HD/SD) outputs and a composite video output.
- AG-CA300G: The compact, lightweight design boosts shoulder-held mobility. Allows the use of Anton, IDX and other batteries.

**AG-EC4G Extension Control Unit**

- Features functions and cost-performance that are ideally matched to the AG-HPX300 series and AG-HPX500 series.
- In addition to providing remote control of the AG-BS300 Base Station, the AG-EC4G can be connected directly to a camera-recorder for control use.
- The maximum length of the remote control cable is 164’ (50 meters).
- The AG-EC4G is both compact and light at 1.4 lbs (630g).
- Control functions: Gain Up/Down, Output Cam/Bar Selection (linked to Auto Knee), White Balance A/B/Preset Selection, AWB/ABB Execution, Shutter SS/Fix/Off Selection and Speed Setting, Iris Auto/Manual Selection and Adjustment, Master Pedestal, Painting, Camera Menu Operation, Recorder Operation (Rec/Play/FF/Rew/Rec Check), User Buttons (3), Character On/Off
- 32’ (10 meters) remote cable is bundled.

**AG-YA500G VF Interface Box**

- Displays return images in the viewfinder and supports the tally.

*1: The AJ-RC10G can control only the functions that are supported by the camera-recorder. It cannot operate unsupported switches or dials.
*2: Power can be supplied only when the AG-BS300 Base Station is driven by an AC power source. A separate power cord is also required between the AG-BS300 Base Station and the AG-CA300G Camera Adaptor. Other manufacturer’s power cords which Panasonic verified are recommended to use.
*3: IDX battery plate is required.
*4: Supported camera-recorders only.

**Supported Viewfinders:**
- AG-VF11G (produced by another manufacturer)

**Supported Memory Cards:**
- AG-HPG20

**Additional Accessories:**
- LCD Monitor Connector Cable (bundled to AG-CA300G)
- Remote Controller (bundled to AJ-RC10G and AG-EC4G)
- Tripod Adapter (produced by another manufacturer)
- Pedestal System (Maletype, Female type)
- Remote Cable (32’10”/10 meters) is bundled to AG-CA300G and AG-YA500G VF Interface Box
- VF DC IN (produced by another manufacturer)
- VF DC OUT (from REF OUT(BB))
- Remote Cable (82’/25m) is bundled to AG-RC10G and AG-EC4G
- LCD Video Monitor (produced by another manufacturer)
- Waveform Monitor (produced by another manufacturer)
- Live Switcher*3
- BT-LH80WU
- BT-CS80G
- Memory Card
- LEONIS CF media card

*The AG-YA500G VF Interface Box cannot be used with the AG-HPX300 series. The applicable viewfinder varies depending on the camera.
**System Option**

*As of October, 2009*

**Other Manufacturer’s Products**

- *V2PCS25-5CFWCE-SF-SC (82’/25 meters)*
- *V2PCS50-5CFWCE-SF-SC (164’/50 meters)*
- *V2PCS100-5CFWCE-SF-SC (328’/100 meters)*

**Power Cable between AG-BS300 and AG-CA300G**

*DC100V10-CE01PS-SC (164’/50 meters)*

*Canare Electric Co., Ltd.*

[http://www.canare.co.jp/oversea/mainmenu.html](http://www.canare.co.jp/oversea/mainmenu.html)
### Specifications

#### AG-CA300G Camera Adaptor

**Power Supply**
- Input: DC 24 V, 4 A
- DC 12 V, 6 A
- DC 13 V, 5 A

**Weight:**
- Main unit: 2.9 lbs (1.3 kg)
- Battery plate: 0.3 lbs (150 g)

**Dimensions (WxHxD):**
- 6-11/16” x 5-3/4” x 4-3/16”
  
  
- (159 mm x 146 mm x 105 mm)

**Output Connectors:**
- BS OUT (BNC x 1)
- GENLOCK OUT (BNC x 1)
- REMOTE (10 pin)
- INCOM (XLR x 1, 5 pin (female))
- VF OUT (D-sub, 15 pin)
- RET OUT (BNC x 1)
- DC OUT (2 pin)

**Input Connectors:**
- SDI IN (BNC x 1)
- BS IN (BNC x 1)
- DC IN (5 pin)
- RET CTRL (6 pin)
- BATTERY IN (2 pin)

**Accessories:**
- REMOTE Cable, VF Cable, Battery Plate, Cable Strap, Ferrite core

#### AG-BS300 Base Station

**Power Supply**
- Input: AC 100 - 240 V, 50/60 Hz, 1.6 A - 0.6 A
- DC 12 V, 1.1 A
- DC 13 V, 0.3 A (Remote power)

**Weight:**
- 10.1 lbs (4.6 kg)

**Dimensions (WxHxD):**
- 17-1/16” x 1-3/4” x 14-3/16”
  
  
- (432 mm x 44 mm x 360 mm)

**Output Connectors:**
- SDI OUT (BNC x 2)
- VIDEO OUT (BNC x 1)
- CA OUT (BNC x 1)
- GENLOCK LOOP OUT (BNC x 1)
- DC OUT 24 V (5 pin)
- INCOM (XLR x 1, 5 pin (female))

**Input Connectors:**
- INCOM / TALLY (D-sub, 9 pin)
- CA IN (BNC x 1, from AG-CA300G)
- RET IN VIDEO (BNC x 1)
- DC IN (XLR x 1, 4 pin, SW)
- AC IN (AC INLET)
- REMOTE (10 pin)

**Accessories:**
- AC Code, Rack Mount Adaptor

#### AG-EC4G Extension Control Unit

**Power Supply:**
- DC 12 V

**Power Consumption:**
- 2.5 W

**Weight:**
- 1.4 lbs (630 g)

**Dimensions (WxHxD):**
- 3-1/4” x 2-3/8” x 1-5/8”
  
  
- (82 mm x 60 mm x 41 mm)

**Input/Output Connectors:**
- CAM / BS (10 pin)
- VIDEO OUT (BNC x 1)

**Accessories:**
- Remote Cable (10 pin, 32’/10 meters)

#### AG-YA500G Viewfinder Interface BOX

**Power Supply:**
- DC 5.6 V, 0.06 A
- DC 5–6 V, 0.06 A

**Power Consumption:**
- 0.7 W

**Weight:**
- 0.9 lbs (410 g)

**Dimensions (WxHxD):**
- 4-1/2” x 2-3/8” x 1-5/8”
  
  
- (113 mm x 60 mm x 41 mm)

**Input/Output Connectors:**
- LENS (12 pin)
- CAM LENS (12 pin)
- CAM VF (20 pin)
- VF (20 pin)
- CAVF (D-sub 15 pin)

**Accessories:**
- Mounting Bracket x 1, Mounting Screws

Weight and dimensions shown are approximate. Specifications are subject to change without notice.

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**[Countries and Regions]**

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Specifications of Systems Business Group have received ISO/IEC 14001:2004 Environmental Management System certification. (Except for 3rd party's peripherals.)