

NEW  
VERSION  
21.9.05

351-921

AKE811/CPC213

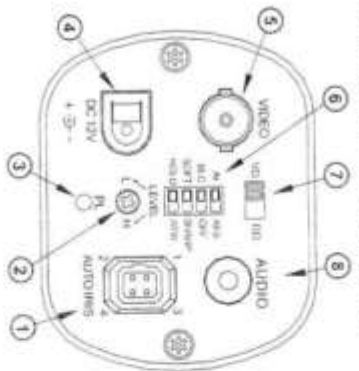


**CAUTION**

- 1 Please use correct power adapter (DC12V (regulated)), to operate this unit. The power tolerance of this unit is DC 12V  $\pm$  10% (DC10.8V-13.2V), over maximum DC13.2V power input will damage this unit.
  - 2 Please use correct AC power to operate this unit. The power tolerance of this unit is  $\pm$  10%, over maximum AC power input will damage this unit.
  - 3 Video output (BNC connector) of this unit can be only connected to monitor. Please check the wiring of video output before power on. If the power is offered through video output, the unit will be damaged.
1. 本機に使用する電源装置はDC12V $\pm$ 10%(DC10.8V-13.2V)の定格電圧を対応し、13.2V以上の電圧を印加すると本装置が壊損いたします。本機に使用される電源装置は正しくVACの電圧を印加して下さい。電圧範囲は $\pm$ 10%で、以上の電圧を加えると本装置が壊損いたします。
2. 本装置の映像出力端子はモニターに接続されるべきです。映像出力端子に電源を供給してはなりません。映像出力端子に電源を供給すると本装置が壊損いたします。
- 1 Por favor use el correcto adaptador de energía eléctrica DC12V (regulado) para operar esta unidad. La tolerancia de entrada de esta unidad es de DC12V  $\pm$  10% (DC10.8V-13.2V). Sobrepasar el máximo de DC13.2V de la potencia de entrada dañará esta unidad.
  - 2 Por favor usar la corriente alterna adecuada para operar esta unidad. La tolerancia de energía de esta unidad es de  $\pm$  10%. La entrada de corriente alterna por encima de su capacidad máxima dañará esta unidad. Por favor revise los cables del video antes de encenderlo. Si la energía es dada por la potencia de salida del video, la unidad se dañará.
  - 3 Verbinden Sie den Videoausgang (BNC-Anschluss) mit dem Video-Eingang des Monitors. Bevor Sie die Spannungsversorgung anschalten, überprüfen Sie bitte den korrekten Anschluss des Video-Ausgangs. Falsche Anschlussbedingungen können zu Beschädigungen an den Geräten führen.

**MAJOR OPERATING FUNCTIONS**

The design of rear panel may differ from model to model. The following is for your general reference.



- 1 Auto Iris Lens Connector  
Supply power and control signals to an auto iris lens.
- 2 DC Drive Level Adjustment  
When using Direct Drive Lens, you can adjust the DC Drive Level for the bright of video output.
- 3 Power LED Indicator  
The Power LED indicator indicates normal during operation.
- 4 Power Input Terminal  
This terminal is for connecting the 12V DC regulated power supply or AC power source.
- 5 Video Output Connector (VIDEO OUT)  
This connector is for connecting to the VIDEO IN connector of the monitor.
- 6 Function Select  
AI/AES selector (AI: auto iris lens, AES: fixed iris lens or manual iris lens)  
BLC-ON/OFF: Back light compensation function selection.  
Sharpness: Soft / Sharp selectable  
WB Hold / ATW: white balance mode select  
AGC: MAX, AGC Normal / AGC Max selectable.  
Flickless: OFF/FL 1/100 (NTSC)  
FL 1/100 is flickless 1/100 (means shutter fixed at 1/100 second)  
QF-FL 1/120 (PAL)  
QF-FL 1/120 (means shutter fixed at 1/120 second)  
INTILL: Video synchronization source select, internal (INT) or Line Lock (LL).
- 7 V/D/D select  
When using Auto Iris Lens, you can select Video Drive or Direct Drive based on the Lens.
- 8 Audio Output Connector (AUDIO OUT)  
This connector is for connecting with the AUDIO IN connector of the video monitor.

## CONNECTIONS

- STEP 1. Mount a lens onto the camera.
- STEP 2. Set the lens selection switch(AES/AI).
- STEP 3. Connect a video terminal of the camera(VIDEO) to the video input terminal of the video monitor with a 75  $\Omega$  coaxial cable.
- STEP 4. Connect the audio terminal of the camera(AUDIO) to the audio input terminal of the video monitor.
- STEP 5. Connect the power terminal of the camera to a right power supply.
- STEP 6. Adjust the focus or flange-back. (refer to the next section)

NOTE : The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

## FOCUS OR FLANGE-BACK ADJUSTMENT

The following adjustment should be made by qualified service personnel or system installers.



1. Mount the lens by turning it clockwise on the lens mount of the camera.
2. Loosen the screws on the flange-back adjusting ring.
3. Turn the flange-back adjusting ring to the desired position.
4. Tighten the screws on the flange-back adjusting ring.

## AUTO IRIS LENS CONNECTOR INSTALLATION

### Installation of Auto Iris Lens Connector

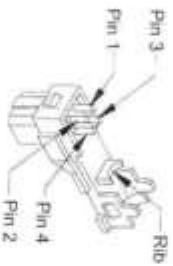
Install the lens connector when using a video drive lens.

The installation should be made by qualified service personnel or system installers.

Cut the iris control cable at the edge of the lens connector to remove the existing lens connector and then remove the outer cable cover of the supplied connector as shown in the diagram.

The pin assignment of the auto iris lens connector is as follows:

VIDEO	DC
Pin 1: Power source	Damp -
Pin 2: Video signal	Damp +
Pin 3: Not used	Driver +
Pin 4: Ground, Shield	Driver -



Solder the lens cable to the pins of the supplied connector.

## STANDARD PACKAGE CONTENT

