

**Panasonic®**

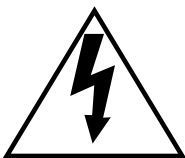
SDI Card

Model No. **AW-PB304**

# Operating Instructions



Before attempting to connect or operate this product,  
please read these instructions completely  
and save this manual for future use.



SA 1965

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



SA 1966

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

**WARNING:**  
TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

For U.S.A.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

For CANADA

This Class A digital apparatus complies with Canadian ICES-003.  
Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

The information marking of this product may be found on the bottom of the unit.

The serial number of this product may be found on the bottom of the unit.

You should note the serial number of this unit in the space provided and retain this book as a permanent record of your purchase to aid identification in the event of theft.

Model No. \_\_\_\_\_

Serial No. \_\_\_\_\_

# CONTENTS

WARNING/CAUTION FOR SAFETY .....	4
PREFACE .....	5
PRECAUTIONS .....	5
MAJOR OPERATING CONTROLS AND THEIR FUNCTIONS .....	6
MOUNTING .....	7
CONNECTION .....	9
APPEARANCE .....	10
SPECIFICATIONS .....	11
STANDARD ACCESORIES .....	11

# WARNING/CAUTION FOR SAFETY

## **WARNING**

- **Refer all servicing to qualified personnel**

To reduce the risk of electric shock, don't remove cover or back, unless you are a qualified personnel. Refer all mountings, connections, servicing to qualified service personnel.

- **No water or moisture inside**

Do not let water or moisture into the product, or expose it to moisture, to prevent a fire and electric shock.

- If you see smoke or smell an odor from the product, if water or other foreign matter gets inside, if it is damaged by dropping, or if you find anything wrong with it, immediately stop using it.

- **Do not disassemble or modify the product to prevent a fire and electric shock.**

## **CAUTION**

- Do not drop the product, do not expose it to strong shock, or do not step on it, to prevent a fire and injuries.
- Do not install the product at a place full of moisture and dust, which may cause a fire and electric shock.

# PREFACE

- When the SDI card is installed in a convertible camera, for example, AW-E600, Serial digital component signal can be output.

# PRECAUTIONS

- **Power Off Before Connecting or Disconnecting Cables**

Before plugging or unplugging the cables, be sure to switch power off.

- **Handle Carefully.**

Do not drop the product, or subject it to strong shock or vibration. This is important to prevent trouble.

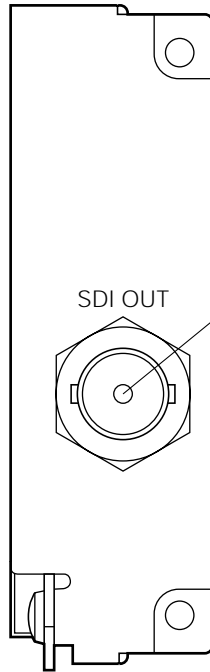
- **Avoid Humidity and Dust.**

Avoid using the product at a humid, dusty place because much humidity and dust will cause damage to the parts inside.

- **Operating Temperature Range**

Avoid using the product at a cold place below -10°C or at a hot place above +45°C because extremely low or high temperature will adversely affect the parts inside.

# MAJOR OPERATING CONTROLS AND THEIR FUNCTIONS



SDI output connector [SDI OUT]  
Serial digital component signal  
can be output.

# MOUNTING

## CAUTION

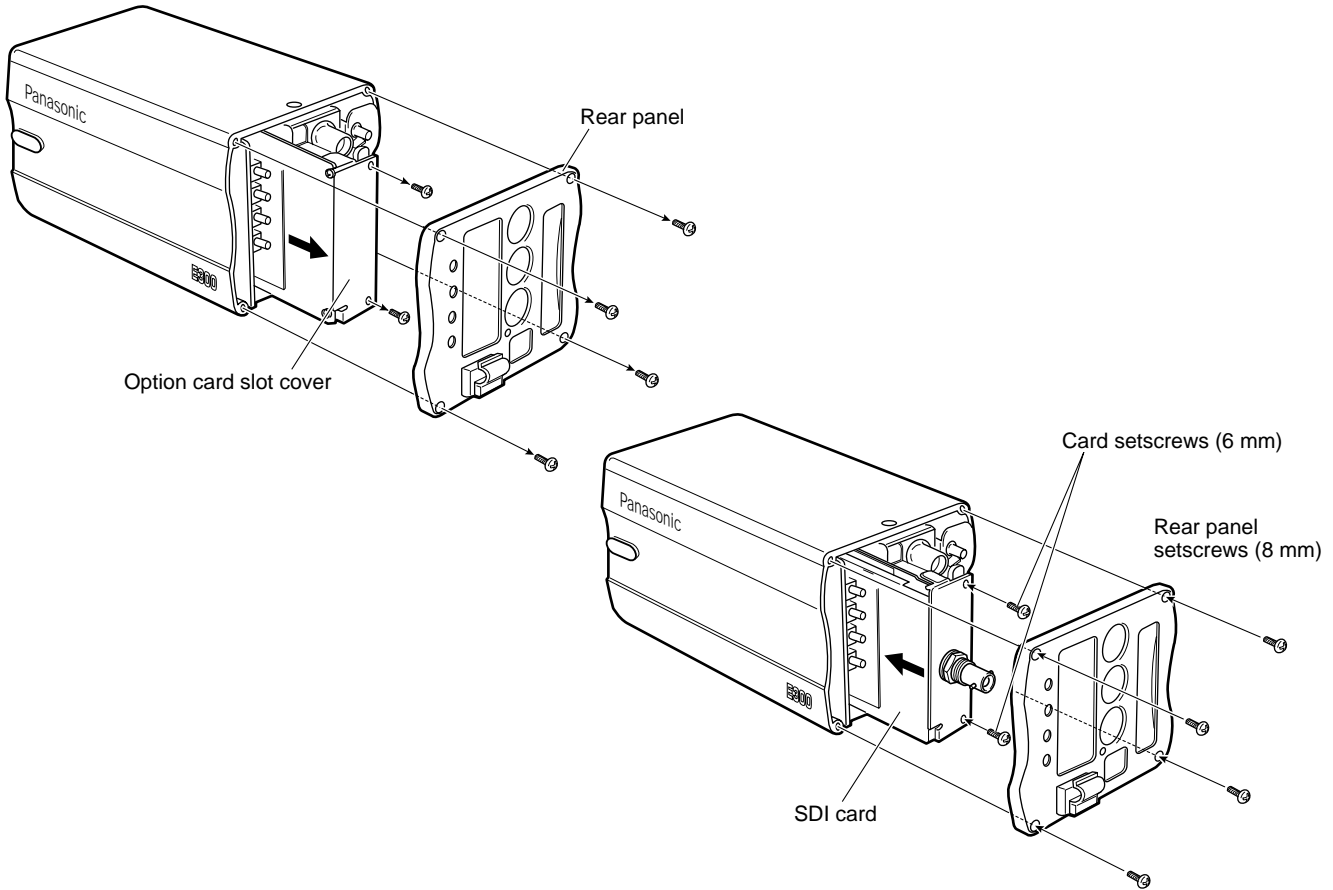
- Be sure to ask your store, where you purchased the product, for mounting.
- Disconnect the camera power connector before mounting.
- Before handling the card, touch a metal part of the camera to discharge the static from the human body.

An anti-static wrist strap is recommended for added safety.

If you touch the card while you are still charged with static, it may cause trouble.

- Keep the metal parts of the card free of contact with other metal parts.

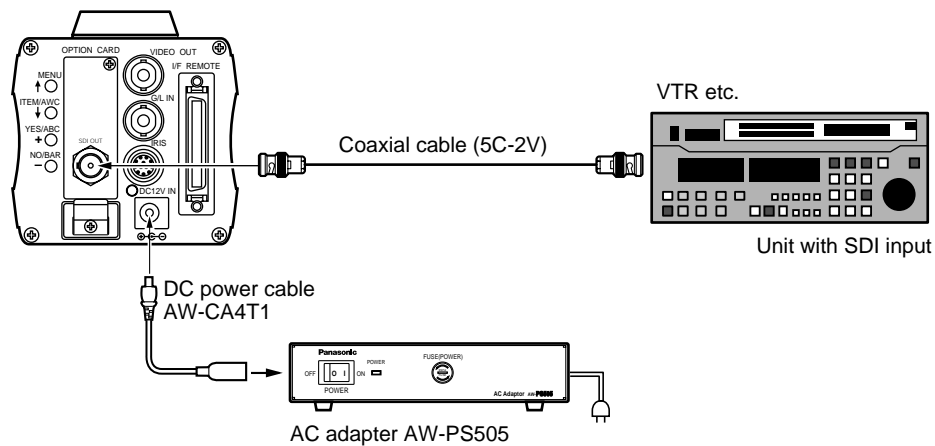
- (1) Switch the camera off, and disconnect the power connector and other cables from the camera.
- (2) Loosen the four screws on the rear of the camera and remove the rear panel.
- (3) Loosen the two screws for the option card slot and remove the cover.
- (4) Insert the SDI card along the guide rail at the bottom of the camera and the tab above. Insert it securely all the way.
- (5) Tighten the two card setscrews securely. If you have lost the screws, use the screws (6 mm long) supplied as accessories.
- (6) Fasten the rear panel with the four screws. If you have lost the screws, use the screws (8 mm long) supplied as accessories.
- (7) Plug the cables back as necessary, connect the power connector, then switch power on.





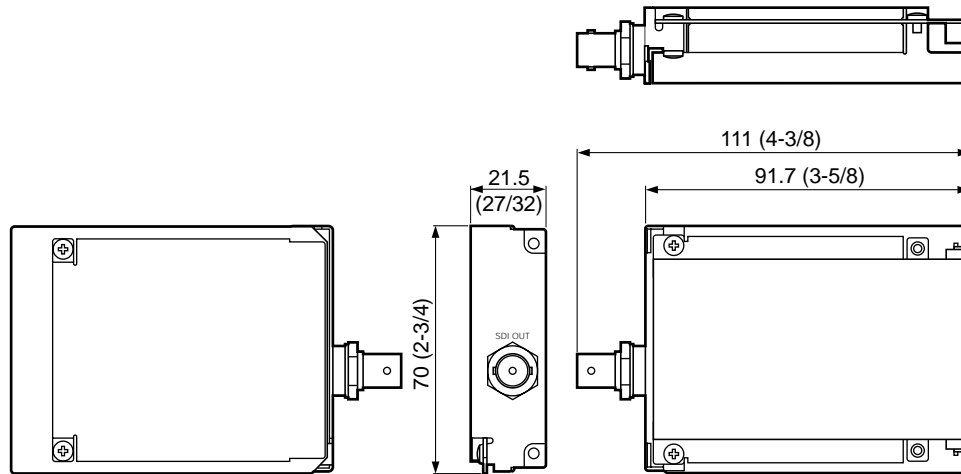
# CONNECTION

- Use the AC adapter AW-PS505 for power supply.  
Use the power cable AW-CA4T1.



# APPEARANCE

Unit: mm (inch)



## SPECIFICATIONS

Output:	270Mb/s component output (SMPTE 259M)
Source voltage:	12 V DC (supplied from camera)
Power consumption:	2 W
Operating temperature:	-10°C to +45°C (14°F to +113°F)
Operating humidity:	30 % to 90 %
Dimensions:	21.5 (W) x 70 (H) x 111 (D) mm [27/32" x 2-3/4" x 4-3/8"]
Weight:	110 g

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

## STANDARD ACCESSORIES

Screw (6 mm long) .....	2 pcs
Screw (8 mm long) .....	4 pcs

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