

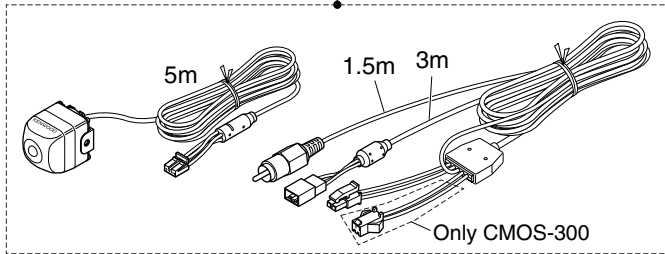
REAR VIEW CAMER / MULTI-VIEW CAMER  
**CMOS-200/300**  
**SERVICE MANUAL**

**KENWOOD**

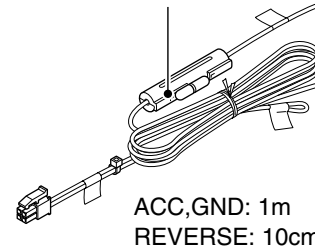
Kenwood Corporation

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 B53-0796-00 (C) 0

Camera unit with RCA harness  
 (W02-5439-08): CMOS-300  
 (W02-5429-08): CMOS-200

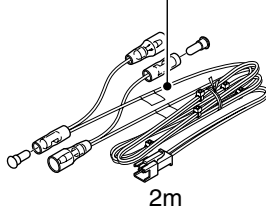


DC cord  
 (E30-6966-08)



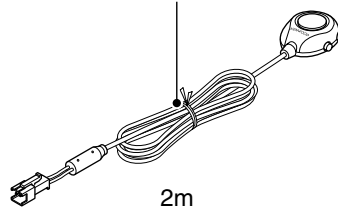
ACC,GND: 1m  
 REVERSE: 10cm

H/U connecting cord  
 (E30-6967-08): only CMOS-300



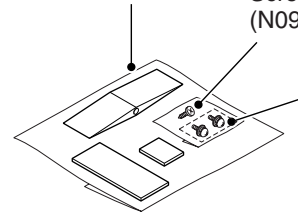
2m

Cord with SW  
 (W02-5432-08): only CMOS-300



2m

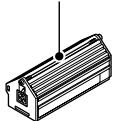
Accessory assy  
 (Not supplied)



Screw(tap)  
 (N09-6842-08)

Screw set(M3)x2  
 (N99-1839-08)

Power supply box  
 (W02-5431-08)



Camera bracket  
 (J22-0997-08)



Instruction manual  
 (B64-4756-18)



**SPECIFICATIONS**

**Camera Unit**

- Output video
  - : Wide-angle mirror image (for rearview)
  - /wideangle normal image (for front view)(CMOS-300)
- Sensor: 1/4-inch color CMOS sensor
- Number of pixels: Approx. 310,000 pixels
- Lens
  - : Wide angle, focal length  $f=0.82\text{mm}$ , F value 2.6(CMOS-300)
  - $f=1.6\text{mm}$ , F value 2.3(CMOS-200)

**Angles of view**

- : Horizontal: Approx. 190° (CMOS-300)
- : Horizontal: Approx. 135° (CMOS-200)
- : Vertical: Approx. 158° (CMOS-300)
- : Vertical: Approx. 105° (CMOS-200)

**Illumination range**

- : Approx. 0.9 to 100,000 lux

Iris system: Electronic Iris

Scanning system: Interlace

Synchronizing system: Internal synchronization

Video output: 1Vp-p/ 75Ω

Dimensions (WxHxD): 24 x 24 x 24.8 mm

Weight: Approx. 30 g (without cable)(CMOS-300)

Approx. 29 g (without cable)(CMOS-200)

**Switch Unit (CMOS-300 only)**

- Dimensions (WxHxD): 27.5 x 32.8 x 12 mm
- Weight: Approx. 10 g (without cable)

**Power Supply Box Unit**

- Operating voltage
  - : 14.4V (11V - 16V)
- Max. current consumption
  - : 150mA (CMOS-300)
  - : 100mA (CMOS-200)
- Dimensions (WxHxD): 54 x 23 x 22 mm
- Weight: Approx. 32 g

Mirror image means that the video image inverts the left and right just like the image seen on the rearview mirror or a side mirror.

Specifications subject to change without notice.



This product uses Lead Free solder.

This product complies with the **RoHS** directive for the European market.