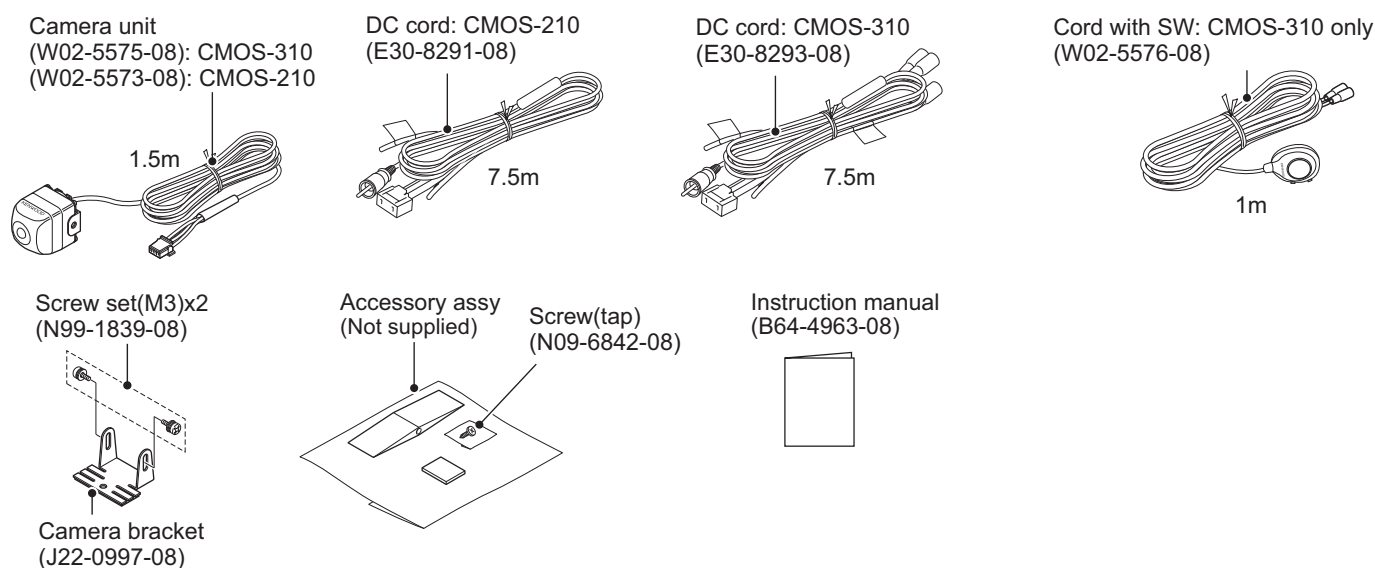


KENWOOD

SERVICE MANUAL

UNIVERSAL REAR VIEW CAMERA, UNIVERSAL MULTI-VIEW CAMERA

CMOS-210, CMOS-310



SPECIFICATION

Camera Unit	
Output video	Wide-angle mirror image (for rearview) Wideangle normal image (for front view): 310 only
Sensor	1/4-inch color CMOS sensor
Number of pixels	Approx. 310,000 pixels
Lens	Wide angle Focal length f=0.82 mm F value 2.4: 310 Wide angle Focal length f=1.41 mm F value 2.3: 210
Angles of view	Horizontal: Approx. 190°, Vertical: Approx. 151°: 310 Horizontal: Approx. 130°, Vertical: Approx. 101°: 210
Video output	1.0 Vp-p/ 75Ω
Illumination range	Approx. 0.9 to 100,000 lux
Iris system	Electronic iris
Scanning system	Interlace
Synchronizing system	Internal synchronization
Dimensions (WxHxD)	24 x 24 x 24.9 mm
Weight	Approx. 36 g (without cable): 310 Approx. 34 g (without cable): 210

Switch Unit (310 only)	
Dimensions (WxHxD)	27.5 x 32.8 x 12 mm
Weight	Approx. 10 g (without cable)
General	
Operating voltage	14.4V (9.0 V - 16.0 V)
Max. current consumption	80 mA: 310 60 mA: 210

- 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.