

CCMA-2DAR

2D camera adapter for MCC-1000MD



Overview

Designed for use in Operating Rooms, examination rooms and similar clinical environments, this optional adapter attaches compatible medical cameras such as the Sony MCC-1000MD to surgical microscopes. This enables acquisition and recording of 2D video images during procedures such as brain surgery and ophthalmic surgery.

The CCMA-2DAR is compatible with widely used surgical microscopes. Excellent imaging performance also allows compatibility with compatible 4K video cameras.

An iris ring allows easy manual adjustment of aperture. Focus can be adjusted manually on the adapter itself, or using the supplied wired remote controller.

Specifications

GENERAL	
Lens Mount	C mount
Focal Length	40 mm
Aperture Opening (F-stops)	2.8 to 8
Power Requirements	3 V DC (two size AA (R6, LR6) batteries)
Power Consumption	0.03 W (Motor: No load current × rated voltage)
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
Operating Humidity	20% to 80% (no condensation allowed)
Operating Pressure	700 hPa to 1,060 hPa
Storage and Transport Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Storage and Transport Humidity	20% to 80% (no condensation allowed)
Storage and Transport Pressure	700 hPa to 1,060 hPa
External Dimensions (Main unit)	70 mm × 34 mm × 74.5 mm (2 7/8 in × 1 3/8 in × 3 in) (excluding protrusions)

External Dimensions (Controller)	69 mm × 28 mm × 115 mm (2 3/4 in × 1 1/8 in × 4 5/8 in) (excluding cable)
External Dimensions (Cable)	ø5.9 mm × 4 m (ø1/4 in × 13.1 ft)
Mass (Main unit)	430 g (15.2 oz)
Mass (Controller)	250 g (8.8 oz) (excluding batteries)
Supplied Accessories	M38 adapter attachment (1) Camera connector cap (1) Microscope connector cap (1) Instructions for Use (1) Warranty (1) Service Contact List (1)

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