

DC-700 (J)

DC-700 (UC)

DC-700CE



Outline

The DC-700/700CE is a compact, lightweight camera adaptor for XC series cameras. It is compatible with all of the XC series cameras and accessories, includes External sync IN/OUT, TRIG IN, and WEN OUT connections.

Features

- Compact, lightweight
- External sync input/output
- Trigger input/WEN output
- Built-in high-performance switching power supply

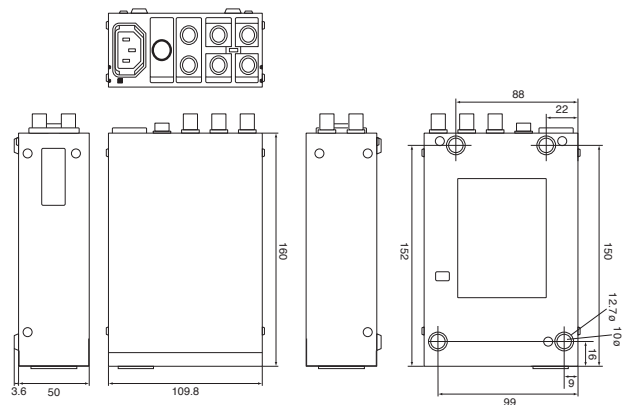
Specifications

	DC-700 (J)	DC-700 (UC)	DC-700CE
Region	Japan	USA	Europe
Signal system	EIA / NTSC	EIA / NTSC	CCIR / PAL
Power requirements	AC 100 V	AC 100 to 120 V	AC 100 to 240 V
Voltage	50 Hz / 60 Hz		
Output voltage	DC 13 V, 1.3 A		
Power consumption	34 VA	22 W	22 W
Operating temperature/humidity	-5°C to +45°C/10% to 90% (no condensation)		
Storage temperature/humidity	-30°C to +60°C/10% to 90% (no condensation)		
Input terminals	WEN terminal TRIG terminal HD terminal VD/SYNC terminal VIDEO1 terminal VIDEO2 terminal CAMERA terminal	BNC type (1) BNC type (1) BNC type (1) BNC type (1) BNC type (1) BNC type (1) 12-pin (1)	
Mass	700 g		
Dimensions (W x H x D)	110 x 53 x 160 mm		
Supplied accessories	Power cord (1), Operating instructions (1), AC plug adaptor (1) (Included with DC-700(J))		
Regulatory compliance	Electrical Appliance and Material Safety Law	UL1310-1+CSAC22.2 No.223, FCC/ICES-003: ClassA	FCC Class A, CE: EN61326 & EN60065, AS/NZ: EN61326, Demko: EN60065

Note

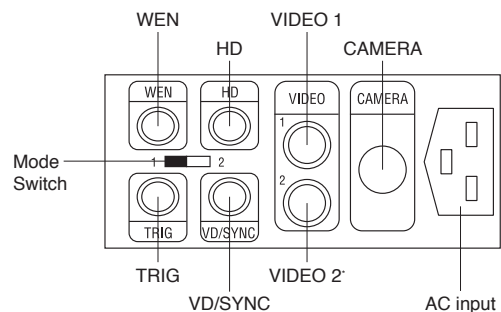
The above products comply safety standards for each district. Select the product suitable to the district to use.

Dimensions



Unit: mm

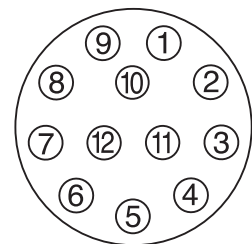
Rear Panel



* Two video outputs may not be available for some types of cameras. This becomes TRIG input terminal when using, XC-56, XC-56B.

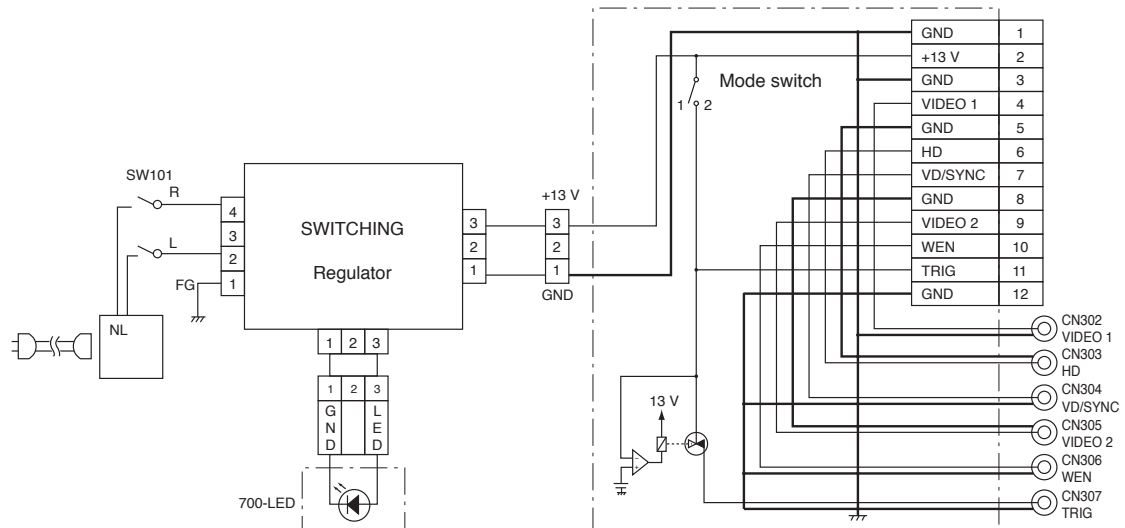
Connector Pin Assignments

Pin No.	Assignment
1	Ground
2	+13 V
3	Ground
4	VIDEO 1
5	Ground
6	HD
7	VD/SYNC
8	Ground
9	VIDEO 2 *
10	WEN
11	TRIG
12	Ground



* This becomes TRIG input terminal when using XC-56, XC-56BB.

Block Diagram



* When input the trigger signal, the high level of the signal is less than DC5V.

Comparative Tables

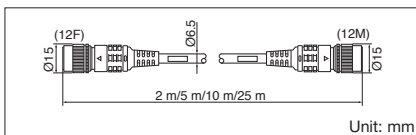
Connector	VIDEO 1	VIDEO 2	HD	VD/SYNC	WEN	TRIG	Remarks
12-pin connector pin no.	No.4	No.9	No.6	No.7	No.10	No.11	
XCL-SG1240/SG1240C XCL-SG510/SG510C	GPI 1/GPO 1	GPO 4 (ISO +)	GPO 2 (ISO +)	GPI 3/GPO 3	GPI 4 (ISO +)	GPI 2	
XCL-CG510/CG510C	GPO 1	GPO 3	GPO 2	GPI 3	GPI 2	GPI 1 *	*Factory setting: TRIG IN
XCG-CG240/CG240C XCG-CG510/CG510C XCG-CP510 XCG-CG160/CG160C XCU-CG160/CG160C	6 pin – 12 pin conversion cable is required. Please contact your dealer for details.						
XCL-S900/S900C	GPI 1/GPO 1 *	GPO 4 (ISO)	GPO 2 (ISO +)	GPI 3/GPO 3 *	GPI 4 (ISO +)	GPI 2	*Factory setting: Input
XCL-C500/C500C XCL-C280/C280C XCL-C130/C130C XCL-C30/C30C	GPO 1	GPO 3	GPO 2	GPI 3	GPI 2	GPI 1 *	*Factory setting: TRIG IN

Accessory

Camera Cable

This 12-pin camera cable is used for connecting an XC camera to a DC-700/700CE camera adaptor.

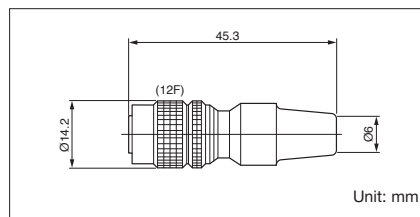
- CCXC-12P02N (2 m)**
(Aspect of connector: straight)
- 12P05N (5 m)**
(Aspect of connector: straight)
- 12P10N (10 m)**
(Aspect of connector: straight)
- 12P25N (25 m)**
(Aspect of connector: straight)



- Camera connection (12-pin/female)
- ⇔ DC-700 connection (12-pin/male)
- Shielded

Connector

PC-XC12



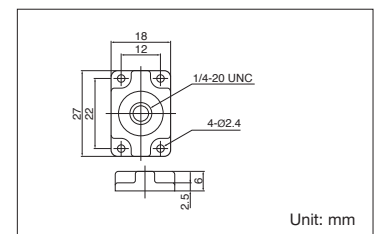
- 12-pin/female

Tripod Adaptor

Use these adaptors to mount a camera on a tripod. Use the included screws to attach the adaptor to the camera.

The adaptors are threaded for commercially available tripods.

VCT-333I



- Material: ABS resin
- Insulated type