

HD/SD System Camera HXC-D70

SONY
make.believe

Preliminary



Sony introduces an ideal solution for HD/SD small studio operations with the HXC-D70 Full HD System Camera, HXCU-D70 Camera Control Unit (CCU), and DXF-C50WA 5-inch Color LCD Viewfinder.

The newly developed HXC-D70 is a high-performance yet affordable camera which inherits field-proven operability from the highly regarded DXC-D Series of system cameras.

The HXC-D70 is equipped with the latest digital HD multi-core transmission technology, which allows the camera to be configured with the newly developed HXCU-D70 CCU.

Furthermore, the existing CCU-D50 CCU can also be used with the HXC-D70 for migration from SD to HD live production.

Key Features

■ HXC-D70

- Full-HD three-chip 2/3-inch Exmor CMOS image sensors produce excellent HD pictures
- Superb SD picture quality with the wide-band down converter
- Selectable signal formats: 1080i/59.94, 720p/59.94, 1080i/50, 720p/50
- One Sony standard multi-core cable connection with CCU (HXCU-D70 or CCU-D50)
- Full of creative image control functions such as Multi Matrix, Skin Tone Detail, Low Key Saturation, Knee Saturation, and Auto Lens Aberration Compensation (ALAC)
- Versatile operational functions such as the 2x Digital Extender function and Auto Focus function with the supplied lens (HXC-D70K model only).

■ HXCU-D70

- User-friendly operational panel
- Various I/O connectors, including four SDI outputs and an HDMI monitor output
- Trunk (RS-232C) I/F between HXC-D70 and HXCU-D70

■ DXF-C50WA

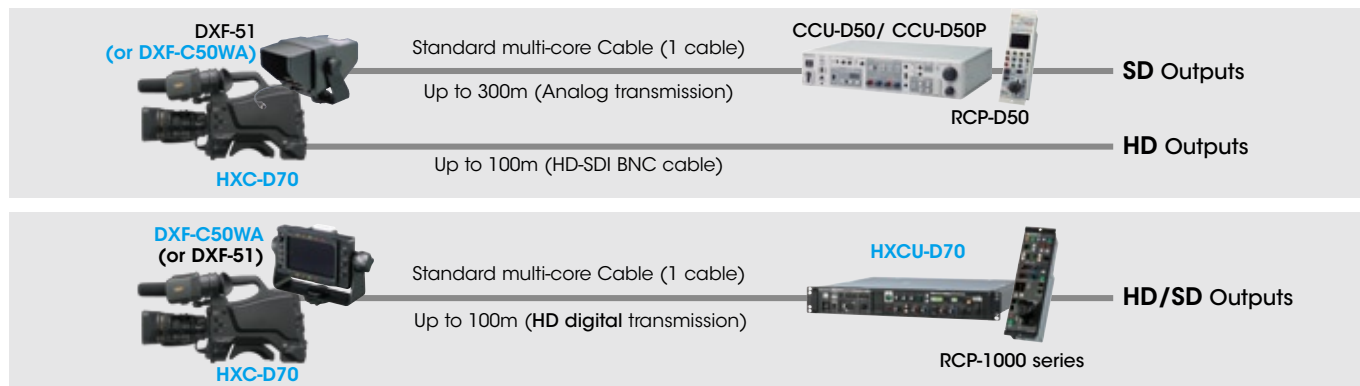
- 5-inch color IPS-LCD Viewfinder with wide viewing angle
- Image Magnification and Peaking Plus functions to assist focusing
- Ideal viewfinder for the HXC-D70 in HD/SD live shooting applications

HXC-D70 with HXCU-D70 and DXF-C50WA



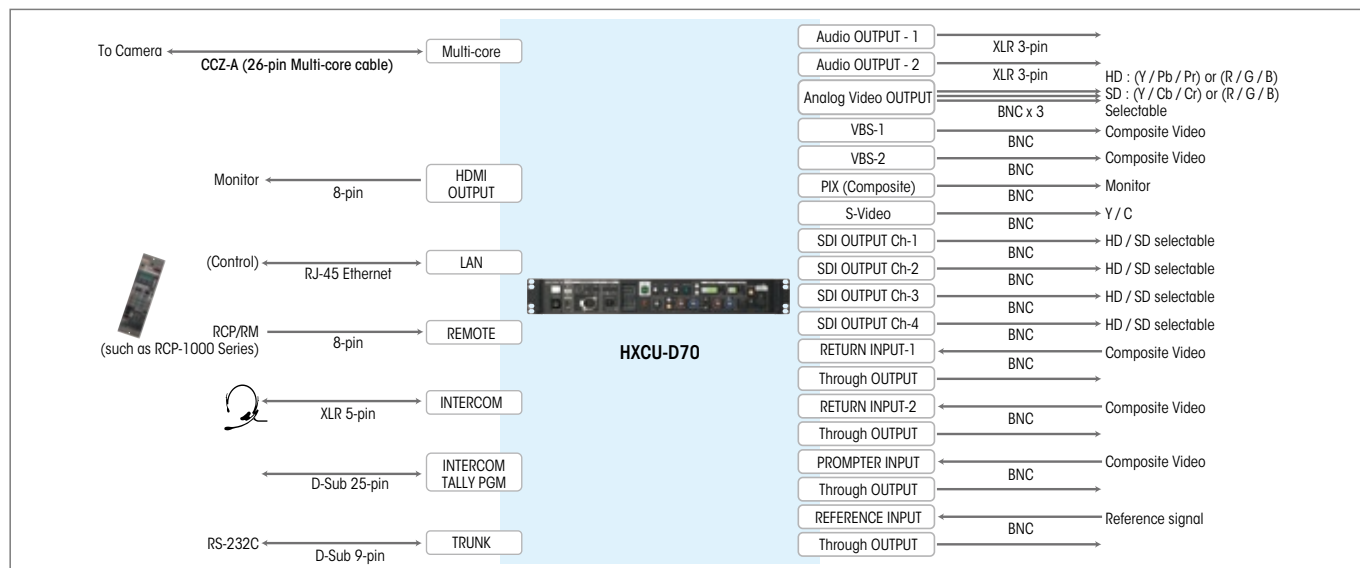
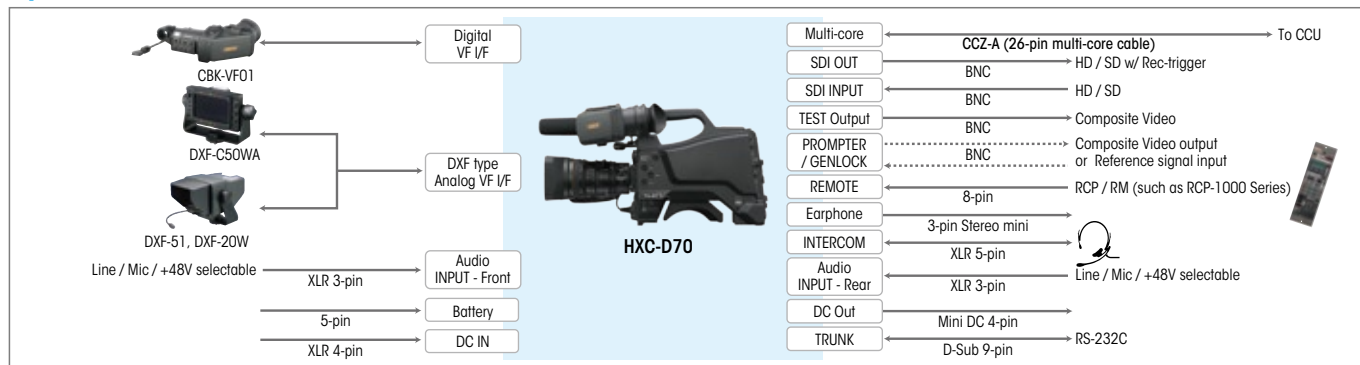
Exmor
FULL HD 3CMOS

Smart Migration from SD to HD



*Some functions of the HXC-D70 cannot be controlled via the CCU-D50 and RCP-D50.

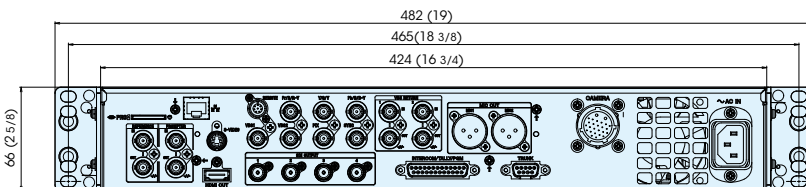
System Chart for HXC-D70 and HXCU-D70



Dimensions

HXCU-D70 Rear Panel

Unit: mm (inches)



Dimensions (W x H x D)
482 x 66 x 360 mm
(19 x 2 5/8 x 14 1/4 inches, 1.5U rack-mount size)

Distributed by

© 2011 Sony Corporation. All rights reserved.
Reproduction in whole or in part without written permission is prohibited.
Features and specifications are subject to change without notice.
"SONY", "make.believe", and "Exmor" are trademarks of Sony Corporation.
All other trademarks are the property of their respective owners.

The HXC-D70 and HXCU-D70 are produced at Sony EMCS Corporation's Tokai Technology Center, which has received ISO14001, the Environmental Management System certification.

