



HD/SD System Camera HXC-D70

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

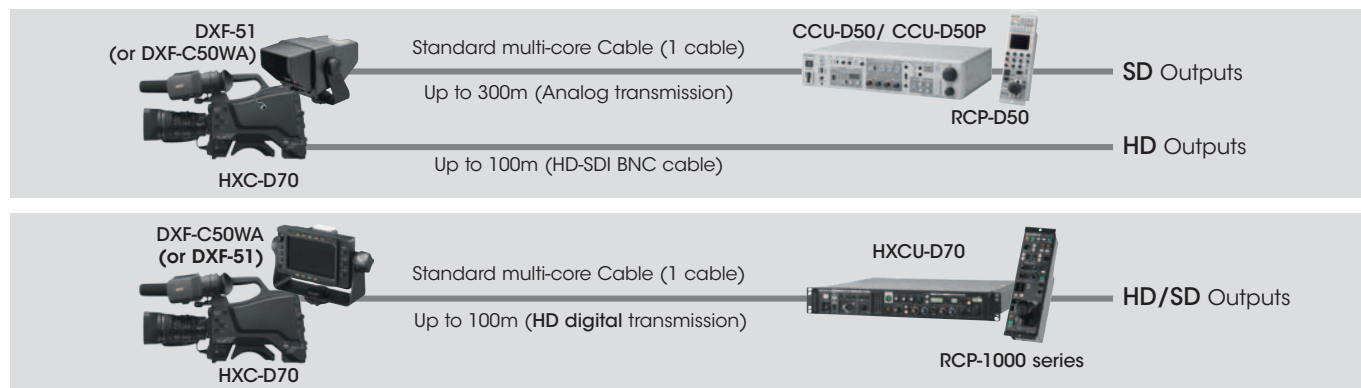
■ DXF-C50WA

- 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

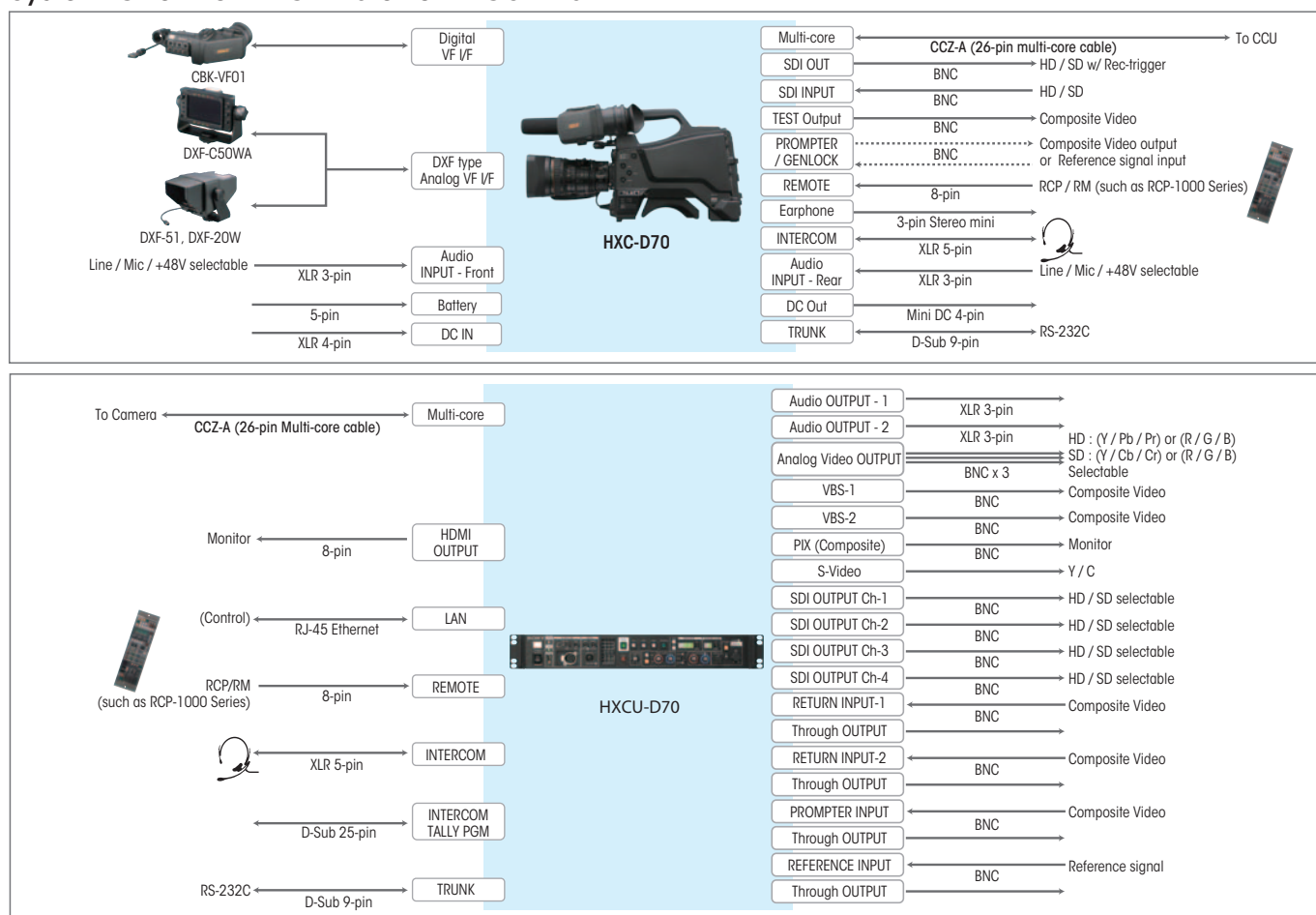


Smart Migration from SD to HD



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

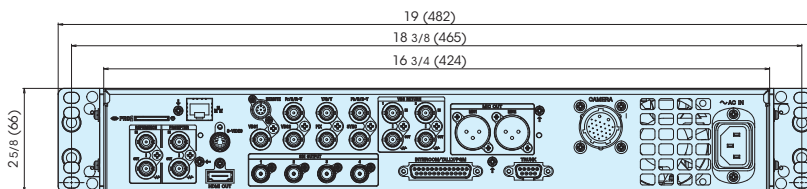
System Chart for HXC-D70 and HXCU-D70



Dimensions

HXCU-D70 Rear Panel

Unit: inches (mm)



Dimensions (W x H x D)

19 x 2 5/8 x 14 1/4 inches
(482 x 66 x 360 mm, 1.5U Rack-mount size)