

SONY[®]

EIA/CCIR

4-inch Monochrome Viewfinder

DXF-41

5-inch Monochrome Viewfinder

DXF-51



The DXF-41 and DXF-51 are 4-inch/5-inch monochrome viewfinders for Sony DXC Series Professional Cameras used in studios and field production. High resolution (DXF-41: 500TV lines, DXF-51: 650TV lines) provides clear images for accurate focusing. With their high voltage regulation circuitry, these viewfinders can reproduce highly stable pictures. The aspect ratio of the DXF-51 is automatically switched between 16:9 and 4:3 according to the image format of the camera to which it is connected. With their excellent performance and range of adjustments, the DXF-41 and DXF-51 enhance the application of Sony professional cameras.

Main Features (DXF-41 and DXF-51)

High Resolution and Picture Stability

For accurate focusing, the DXF-41 and DXF-51 assure a high horizontal resolution of 500TV lines and 650TV lines, respectively. To produce a stable picture, they incorporate high voltage regulation circuitry.

Improved Cover Panel

The light transmittance of the cover panel attached in front of the viewfinder's CRT has been improved. This enables the user to obtain bright, clear images without excessive CRT brightness.



DXF-41

Under Scanning Capability

These viewfinders have an under scanning capability which allows the operator to see a full-sized shot image with all the superimposed characters on the viewfinder screen.

EIA/CCIR Signal With Automatic Selection

The DXF-41 and DXF-51 can operate on 525/59.94 (EIA) or 625/50 (CCIR) signal systems with automatic selection.



DXF-41

Functions of DXF-51

Designed for use with the latest Sony professional cameras, the DXF-51 has the following functions.

16:9/4:3 Automatic Aspect Ratio Selection

The viewfinder aspect ratio of the DXF-51 is automatically switched between 16:9 and 4:3 according to the operating mode of the connected camera. In 16:9 mode, the height of vertical scanning is reduced to the 16:9 aspect size and a 16:9 wide-screen picture is displayed on the viewfinder screen.

Two Red REC Tally Lamps

Two red REC tally lamps are provided on the DXF-51. In addition to the familiar REC tally above the viewfinder screen, a second REC tally is located below the screen. This makes it almost impossible to overlook REC tally indication.

Green Tally Lamp

The DXF-51 also has a green tally lamp for use as an alternative for CCU operation.

Main REC Tally Lamp

The color of the large main REC tally at the back of the viewfinder is white. In previous viewfinders, this used to be red. This change makes it easy to distinguish red REC tally lamp indication.



DXF-51

20-pin Connection

The DXF-51 is designed for use with Sony professional cameras with a 20-pin VF connector, such as the DXC-D30/P Series. Various controls such as Shutter/Gain LED indication and 16:9/4:3 switching are possible through 20-pin serial data transmission. In addition, the DXF-51 is supplied with a DIN 8-pin cable to be used with conventional Sony professional cameras such as the DXC-637/P Series and the DXC-327B/BP Series.

Excellent Range of Adjustments

The DXF-51 is easily manipulated in both panning and tilting. Tilting is possible within the range of ± 40 degrees. At any tilt angle, the center of gravity does not move, keeping camera balance stable. ± 90 degrees of panning is also possible.

Rugged, Compact Body

The DXF-51 is small ($202 \times 199 \times 289$ mm) and lightweight (2.4kg). Its main chassis is constructed of rugged diecast aluminum, making the viewfinder body highly durable.

VFH-550 Viewfinder Hood

The DXF-51 can be used with the optional Sony VFH-550 Viewfinder Hood, which was designed especially for outside use. The DXF-51 is therefore suitable for outside shooting applications as well as studio use.



DXF-51

Specifications

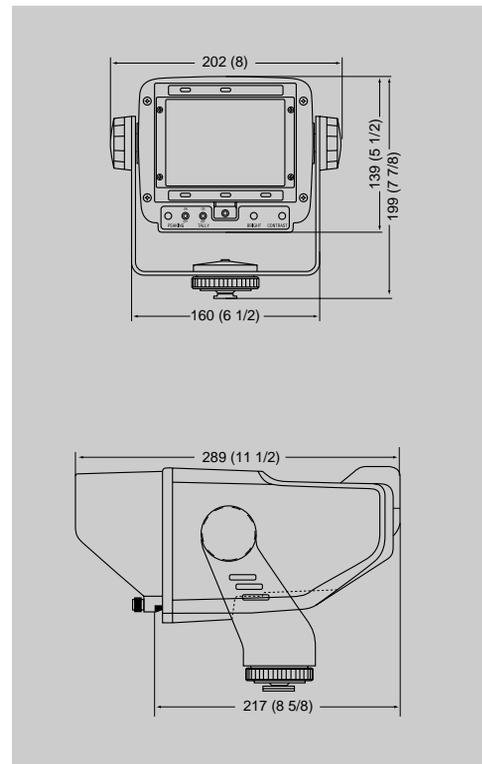
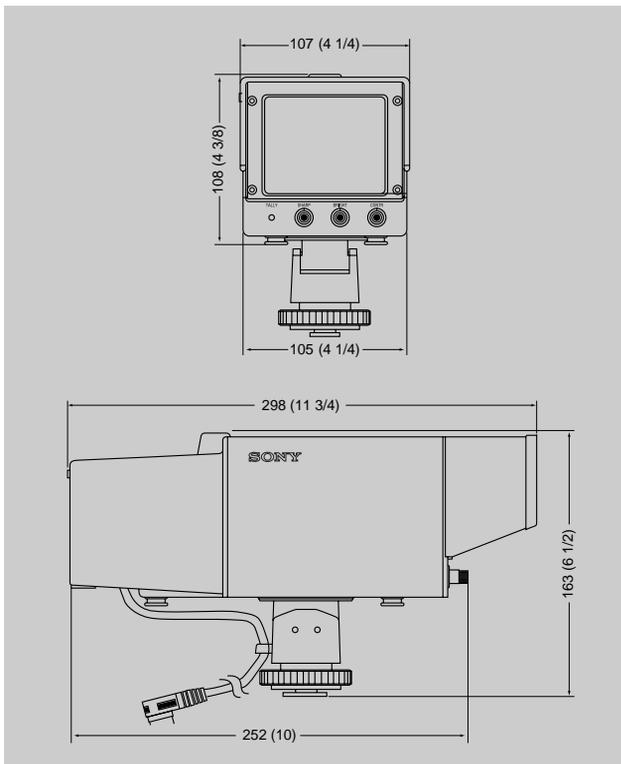
DXF-41

Picture tube:	4-inch monochrome, 50° deflection
Scanning system:	2:1 interlace, 625/50 or 525/59.94 switchable
Horizontal resolution:	500TV lines (center)
Camera connector:	DIN 8-pin connector
Power requirements:	DC 12V +5.0/-1.5V (supplied from a camera)
Power consumption:	10W
Operating temperature:	0°C to 40°C (32°F to 104°F)
Weight:	Approx. 1.6kg (3 lb 9 oz) with stand and hood
Dimensions (w/h/d):	Approx. 105 × 108 × 252mm (4 1/4 × 4 3/8 × 10 inches) including projecting parts and controls Approx. 107 × 163 × 298mm (4 1/4 × 6 1/2 × 11 3/4 inches) with stand and hood
Supplied accessories:	Stand, Screws (×4), Hood, Operation Manual

DXF-51

Picture tube:	5-inch monochrome, 70° deflection
Scanning system:	2:1 interlace, 625/50 or 525/59.94 switchable
Horizontal resolution:	650TV lines (center)
Camera connector:	20-pin or DIN 8-pin connector
Power requirements:	DC 12V +5.0/-1.5V (supplied from a camera)
Power consumption:	11W
Operating temperature:	0°C to 40°C (32°F to 104°F)
Weight:	Approx. 2.4kg (5 lb 5 oz) with stand and hood
Dimensions (w/h/d):	Approx. 202 × 199 × 217 mm (8 × 7 7/8 × 8 5/8 inches) including projecting parts and controls Approx. 202 × 199 × 289 mm (8 × 7 7/8 × 11 1/2 inches) with stand and hood
Supplied accessories:	Hood, 20-pin Cable, DIN 8-pin Cable, Operation Manual

Dimensions



Unit : mm (inches)

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Features and specification subject to change without notice.