

PROTECH®

HDF-700, HDF-700/S Multi-function View Finder

Support SDI(HD/SD) and Component (HD/SD) Input

Main features

- HD/SD SDI and HD/SD Component input
 - HD/SD SDI through output
 - HD/SD SDI return input
 - Adjustable: Bright/Contrast/Peaking
 - Level Meter display for 16-ch embedded audio
 - Vector Scope / Wave Form functions
 - SDI error detection
 - Blue only function
 - DC 12V input
 - Light weight : 1 Kg
 - Ultra silent cooler fan
 - Versatile applications
- Time code display ● 24P input ● Tally display (Red & Green) ● Zebra display ● Monochrome display
● Marker display ● 6.3 ϕ headphone jack ● AC adaptor is supplied.



Support SDI and Component signal

HD/SD SDI and HD/SD Component signals are accepted. The high quality picture allows to be used as a view finder and a field master monitor as well.

Switching between Camera video signal and return video signal

By using optional zoom remote controller, HD-SDI signal from a camera and a HD-SDI return signal from a switcher are instantaneously switchable.

Monochrome Mode

Color or monochrome mode is selectable by a single touch of the button on the front panel.

Blue only function

Blue only, red only and green only display are selectable.

Clear Peaking Function

Clear Peaking function allows easier "just-in focus".



Clear Peaking Off

Clear Peaking On

BRIGHT/CONTRAST/PEAKING Adjustments

Default setting and optional setting mode are available.

Embedded audio output

Monitoring 16 channel embedded audio by 64 steps is capable. Analog outputs of selected 2-ch divided from HD/SD SDI embedded audio are possible via cannon plug.

Monitor Speaker

A small monitor speaker is incorporated.

Marker Mat

3 modes (Clear/Half Tone/Black) are selectable.

Vector Scope and Wave Form functions

Real time monitoring and memory functions are equipped.



Alarm by zebra form display

Zebra appearance level can be set up randomly, alarming upper and lower limit level on luminance and chroma.



Real time monitoring for luminance level by Wave Form function

Alarm display of over exposure / under exposure is possible.



Front view



Back view



Optional Accessories



Hood
***HFC-700**



Swing Arm
***STF-100**



Zoom Remote Control
AS-520



DC Cable
DC-C40M3



Aluminum Case
SC-700



Rack Mount Kit
HS-RA700

*HFC-700 and STF-100 are supplied with HDF-700S

Specification

LCD PANEL		Input Frame Rate	Signal Type	
Panel type	TFT-LCD active matrix (TN)		SDI	Component
Size	7.0" Diagonal	480/60i(59.94i)	Yes	Yes
Size of display area (HxV)	152.4 x 91.4 (mm)	576/50i	Yes	Yes
Panel aspect ratio	16:9	480/60p	-	Yes
Picture Resolution	800 x 480 (H x V)	576/50p	-	Yes
View Angle	(Up/Down): 110(50/60) Right/Left: 130(65/65)	720/60p	Yes	-
Color reproduction	8 bit	720/50p	Yes	-
INPUT		720/30p	Yes	-
HD/SD SDI	BNC x1	720/25p	Yes	-
Return	BNC x1: HD/SD SDI	720/24p	Yes	-
HD Analog component	BNC x3: 1Vp-p75Ω	1080/60i(30PsF)	Yes	Yes
TALLY		1080/50i(25PsF)	Yes	Yes
Tally 1	BNC x1: Green(2V-4V)/Red(4.1V-5V)/OFF(0V-2V)	1080/48i(24PsF)	Yes	Yes
Tally 2	BNC x1: Red(Short)/OFF(Open)	1080/30p	Yes	-
OUTPUT		1080/25p	Yes	-
Video Monitor	BNC x1: HD/SDI Through output	1080/24p	Yes	-
Audio Monitor	XLR 3Pin(Male)x2: LINE 0dB	VGA: 640x480	-	Yes
Headset	Stereo mini-jack φ6.3mm	SVGA: 800x600	-	Yes
GENERAL		XGA: 1024x768	-	Yes
Weight	approx 1.2Kg with stand	SXGA: 1280x1024	-	Yes
Dimensions(WxHxD)	Approx. 195 x 151 x 62 (mm)	UXGA: 1600x1200	-	Yes
Power requirement	XLR 4pin(male)x1: DC 12V(10-16V)			
Power consumption	Approx. 24W(2A)			
Operating temperature	0°C to 40°C			
Operation humidity	30% to 85%			
Storage temperature	-10°C to 40°C			
Storage humidity	0% to 90%			

HDF-700



HDF-700 Main Unit,
Location Stand, Camera
Installation Pedestal, VF
Tilt Arm Stay, CamTap
Power Supply Cable, AC
Adaptor, BNC Cable (1m)

HDF-700/S



HDF-700 Main Unit, Location Stand,
Camera Installation Pedestal, VF Tilt
Arm Stay, CamTap Power Supply Cable,
AC Adaptor, Swing Arm for installation
to tripod, BNC Cable (1m), Extension
Cable for zoom remote control, Junction
Cable for zoom remote control, hood,
Camera Screw (1/4" x2) (3/8 x2) (1/4"
male-female x1)

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