Firmware Update

Release :May 2020

Firmware Update in May 2020

Model Name	Contents	GDLS Delivery	Web publishing
XF 705	・XF-AVC recording mode added ・MP4 recording support ・HDR support for high frame rate shooting ・Pull down 60p signal to 24p/30p ・Browser Remote Ethernet support ・720/60P HD-SDI 4:2:2 output ・Advanced Zoom Quality Improved ・Monitor Channels support ・Combination of 1ch/3ch or 2ch/4ch is possible with the audio dial ・Color compatible with IR mode (Chargeable Services)	May 14	May 28

Record Mode

CODEC	Color Format	bit depth	Resolution	frame rate	Color Format	bit depth	Resolution	frame rate	timing of response
SD card recording					**SDI, HDMI out**				
XF-HEVC	YCC 4:2:2	10 bit	3840 x 2160	59.94 p, 29.97 p, 23.98 p, 50.00 p, 25.00 p	YCC 4:2:2	10 bit	3840 x 2160	59.94 p, 29.97 p, 23.98 p 50.00 p, 25.00 p	Supported
							1920 x 1080	59.94 p, 29.97 p, 23.98 p 50.00 p, 25.00 p	Supported
								59.94 i, 50.00 i	Supported
			1920 x 1080	59.94 p, 29.97 p, 23.98 p, 50.00 p, 25.00 p	YCC 4:2:2	10 bit	1920 x 1080	59.94 p, 29.97 p, 23.98 p 50.00 p, 25.00 p	Supported
								59.94 i, 50.00 i	Supported
				59.94 i, 50.00 i	YCC 4:2:2	10 bit	1920 x 1080	59.94 i, 50.00 i	Supported
				120 p, 100 p	YCC 4:2:2	10 bit	1920 x 1080	59.94 p, 50.00 p	Supported
								59.94 i, 50.00 i	Supported
XF-AVC	**YCC 4:2:0**	**8 bit**	**3840 x 2160**	**29.97 p, 23.98 p, 25.00 p**	**YCC 4:2:2**	**10 bit**	**3840 x 2160**	**29.97 p, 23.98 p, 25.00 p**	**FU**
							1920 x 1080	**29.97 p, 23.98 p, 25.00 p**	**FU**
								59.94 i, 50.00 i	**FU**
			1920 x 1080	59.94 p, 29.97 p, 23.98 p, 50.00 p, 25.00 p	YCC 4:2:2	10 bit	1920 x 1080	59.94 p, 29.97 p, 23.98 p 50.00 p, 25.00 p	Supported
								59.94 i, 50.00 i	Supported
				59.94 i, 50.00 i	**YCC 4:2:2**	**10 bit**	**1920 x 1080**	**59.94 i, 50.00 i**	**FU**
				120 p, 100 p	**YCC 4:2:2**	**10 bit**	**1920 x 1080**	**59.94 p, 50.00 p**	**FU**
								59.94 i, 50.00 i	**FU**
MP4	**YCC 4:2:0**	**8 bit**	**1920 x 1080**	**59.94 p, 29.97 p, 23.98 p, 50.00 p, 25.00 p**	**YCC 4:2:2**	**10 bit**	**1920 x 1080**	**59.94 p, 29.97 p, 23.98 p 50.00 p, 25.00 p**	**FU**
								59.94 i, 50.00 i	**FU**
			1280 x 720	**59.94 p**	**YCC 4:2:2**	**10 bit**	**1280 x 720**	**59.94 p**	**FU**

R2:Confidential

HDR support for HEVC FHD 120p/100p

■menu support
Custom Picture Menu "CP > Preset" and "CP > Gamma"
A value of 0 means that when recording 120p/100p, you can choose between the Preset and Gamma menu items.
PQ and HLG were previously hidden, but will now be available for selection in Farm Up.

Preset/Gamma	Present		F.U	
	normal record	120p/100p recording	normal record	120p/100p recording
Normal1 (Standard)	○	○	○	○
Normal2 (x 4.0)	○	○	○	○
Normal3 (BT. 709)	○	○	○	○
Normal4 (x 5.0)	○	○	○	○
Wide DR	○	○	○	○
PQ	○	×	○	○
HLG	○	×	○	○
Canon Log3	○	○	○	○

Pull down 60p signal to 24p/30p
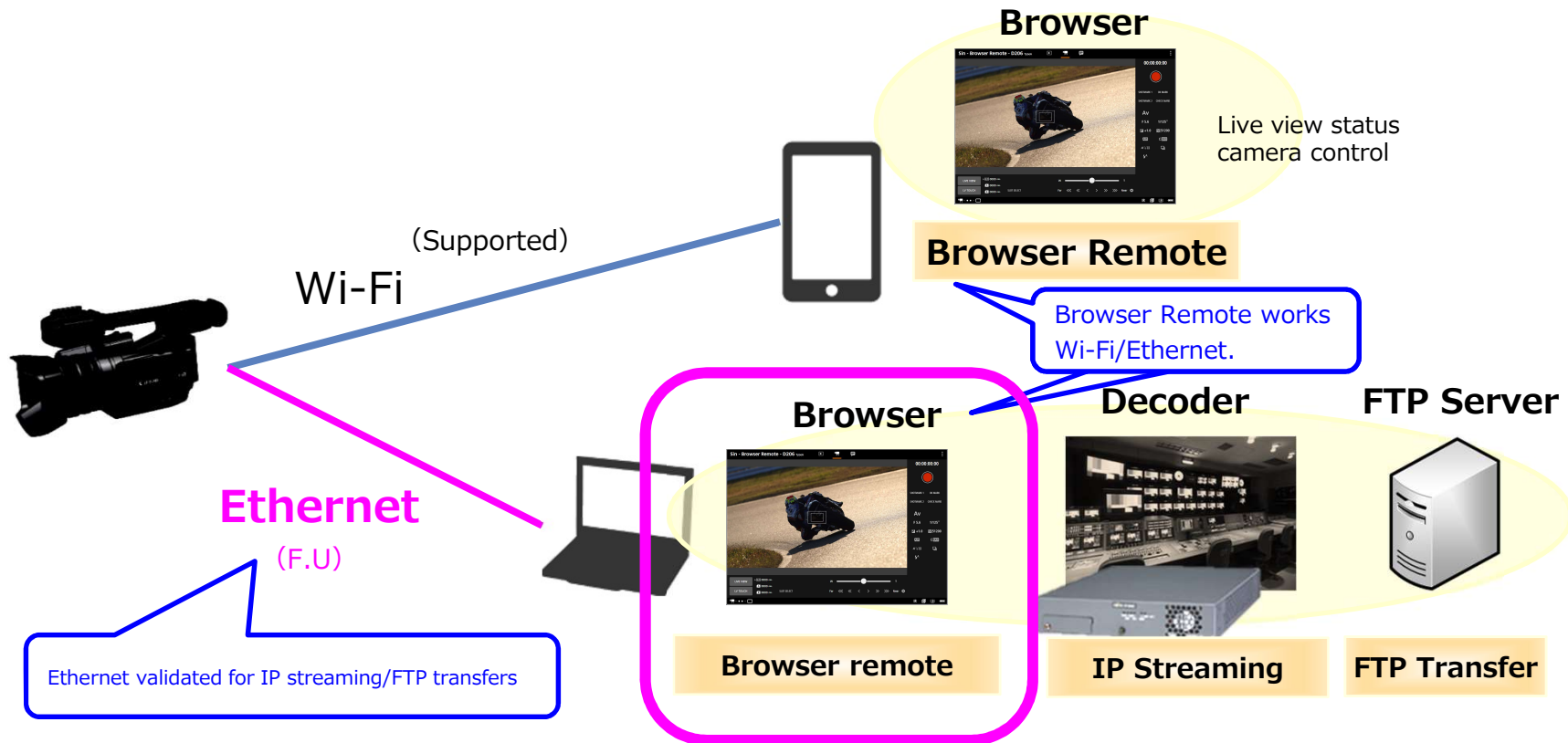
Pull down 60p signal to 24p/30p

- Pull down from 60p signal to 24/30p signal (SDI signal out only)
- Enable to assign this function to assign button
- When pull down to 24/30p, OSD will show as below

Capture	0	1	2	3	4	5	6	7	8	9		

Develop/Post	0	1	2	3	4	5	6	7	8	9	

① 60Hz : 0 1 2 3 4 5 6 7 8 9 → **60Hz**

② 30Hz : 0 0 2 2 4 4 6 6 8 8 → **30Hz Pull Down**

③ 24Hz : 0 0 0 3 3 5 5 5 8 8 → **24Hz Pull Down**

Browser Remote support by Ethernet

ISB

・Browser Remote support by Ethernet

-Ethernet connections are supported via IP streaming/FTP transfer

-Browser Remote works across Wi-Fi and Ethernet

Browser

Live view status
camera control

(Supported)

Wi-Fi

Browser Remote

Browser Remote works
Wi-Fi/Ethernet.

Ethernet
（F.U）

Browser　　**Decoder**　　**FTP Server**

Ethernet validated for IP streaming/FTP transfers

Browser remote　　**IP Streaming**　　**FTP Transfer**

Audio Related

■**Add a combination of ch 1/3 and ch 2/4 to the combination of monitor channels.**

<specification>

・Add "ch1/ch3" and "ch2/ch4" to the menu "monitor channel"

・The level meter displayed at the time of selection is set to "ch1/ch3" or "ch2/ch4".

■**Change the dial and key assignments so that ch1/and ch3 can be leveled with the dial.**
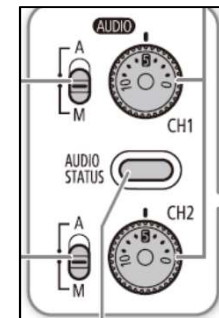
<specification> ※Menu text is provisional

・Add a menu "CH2 switch & dial" and use the dial to switch the channel to be operated.

・If the dial is not assigned to the channel, adjust it using the menu.

【Background】
Since XF705 has only two audio dials and it can select only 1ch/2ch or 3ch/4ch, users who are using XLR (1ch or 2ch) and Build in Mic (3ch/4ch) at the same time will be able to only adjust the volume of one microphone while shooting.
⇒ Cannot respond to sudden volume changes.

Color compatible with IR mode

■IR mode Support equivalent to ME 20 F-SH/ME 200 S-SH

・Service F.U for specific customers
・Color Infrared (Single color IR mode is standard)
・Wide DR gamma

*Compatible with XF405/400