

## HOME

## FPS

set sensor speed [0.750 - 90.000fps | 24.000fps]

add/delete value

## TC

view timecode

edit/reset/set to time

## OPTIONS

Timecode *edit/reset/set to time*

Reset Timecode *set TC to 0:00:00*

Set Timecode to Time *set TC to camera time*

Run mode [Rec run, Free run]

Mode [Regen, Preset, Jam sync]

Regen source [LTC in, Media] set by menu

Count mode [Non-Dropframe, Dropframe]

TC Offset [+/-20 | 0]

## SHUTTER

set exposure time/shutter angle

add/delete value

## EI

set exposure index [160 - 3200ASA | 800ASA]

## IRIS

view current iris LDS readout (LDS lens required)

## ND

set ND filter [ND -, ND 0.6, ND 1.2, ND 1.8]

## WB

set white balance [2.000 - 11.000K +/-16.0CC | 5600K 0.0CC]

add/delete/rename values

## AUTO WB

press two times to trigger auto white balance  
(follow instructions on screen)

## MENU

## RECORDING

Recording Codec [Apple ProRes 422 HQ, 4444, 4444 XQ or ARRI RAW]

Recording Resolution [4.5K LF 3:2 Open Gate - 4.5K  
4.5K LF 2.39:1 - 4.5K  
4.3K LF 16:9 - HD/UHD\*<sup>ProResOnly</sup>  
3.8K LF 16:9 - UHD  
3.8K LF 16:9 - HD/2K\*<sup>ProResOnly</sup>  
2.8K LF 1:1 - 2.8K  
3.4K S35 3:2 - 3.4K\*<sup>ARRIRAWOnly</sup>  
3.2K S35 3:2 - 3.2K\*<sup>ProResOnly</sup>  
2.8K S35 4:3 - 2.8K\*<sup>ProResOnly</sup>  
2.8K S35 16:9 - HD\*<sup>ProResOnly</sup>]

## PROJECT SETTINGS

Project Rate [23.976p, 24p, 25p, 29.97p, 30p, 48p, 50p, 59.94 and 60p]  
Next Reel Count [1 - 999]  
Camera Index [A - Z]  
Camera Index Color [Red, Green, Blue, Cyan, Magenta, Yellow, Black, White]  
Camera ID Prefix [A - Z | R]  
Lens Squeeze Factor [1.00, 1.25, 1.30, 1.50, 1.65, 1.80 and 2.00]

## REC BEEPER/TALLY

Rec Start Beeper [On, Off]  
Rec Stop Beeper [On, Off]  
Media Full Beeper [On, Off]  
Tally MVF-2 [On, Off]

## AUDIO RECORDING

Audio Recording [On, Off]

## GAIN LEVELS

*set gain level for CH1 and CH2*

Channel 1/2 Gain [Manual G., Man. + Limiter, Auto G.]  
Channel 1/2 Control [Manual, Manual + L, Auto]  
Internal Microphones [On, Off]  
VF Headphone Volume [0-30 | 20]  
Reference Tone [Off, -9dBFS, -18dBFS, -20dBFS]

## MEDIA

Erase Media...

*erases files on Compact Drive*

Prepare USB Medium...

*creates necessary folders on USB drive*

## MONITORING

## VF

Surround View [On, Off]  
EVF Surr. Mask [Black Line, Colored Line, 25% Mask, 50% Mask, 75% Mask and 100% Mask]  
Mon. Surr. Mask [Black Line, Colored Line, Semi Mask]  
Frame Border [On, Off]  
Magnification [100% - 200%]  
Anamorphic Desqueeze [On, Off]

## SETTINGS

EVF Brightness [120, 200 and 300]  
EVF Power [Auto, Off, On]  
EVF Eyepiece Heating [On, Off]

## MONITORING cont.

EVF Image Rotation 180° [On, Off]  
Monitor Brightness [1 - 10 | 6]  
Monitor Flip Mode [Auto, Normal, Flipped]

## EVF OVERLAYS

Frame Lines [On, Off]  
Center Mark [Off, Dot, Small Dot, Cross, Small Cross]  
Status Info [Off, Overlay and Safe]

## STATUS COMPONENTS

Info 1/2 [On, Off]  
Timecode [On, Off]  
Audio [On, Off]  
Lens Data [On, Off]  
Lens Focus Distance [On, Off]  
Distance Measure [On, Off]  
Electronic Horizon [On, Off]  
Show Numeric Values [On, Off]

## MONITOR OVERLAYS

Frame Lines [On, Off]  
Frame Line Shading [Off, 50%, 100%]  
Center Mark [Off, Dot, Small Dot, Cross, Small Cross]  
Lens Data [On, Off]  
Electronic Horizon [On, Off]  
Show Numeric Values [On, Off]

## SDI

## SDI PROCESSING

Surround View [On, Off]  
Surr. Mask [Black Line, Colored Line, 25% Mask, 50% Mask, 75% Mask and 100% Mask]  
Frame Border [On, Off]  
Magnification [100% - 200%]  
Anamorphic Desqueeze [On, Off]  
Exposure Tool [On, Off]

## OVERLAYS

Frame Lines [On, Off]  
Center Mark [Off, Dot, Small Dot, Cross and Small Cross]  
Status Info [Off, Overlay and Safe]

## STATUS COMPONENTS

Info 1/2 [On, Off]  
Timecode [On, Off]  
Audio [On, Off]  
Lens Data [On, Off]  
Lens Focus Distance [On, Off]  
Distance Measure [On, Off]  
Camera Index Letter [On, Off]  
Electronic Horizon [On, Off]  
Show Numeric Values [On, Off]

SDI 1 Image [Clean, Processed]

SDI 1 Format [422 1.5G HD, 422 3G HD, 444 3G HD, 422 6G UHD]

SDI 1 Frame rate [23.976p, 24p, 25p, 29.97p, 30p, 48p, 50p, 59.94p, 60p, 23.976psf, 24psf, 25psf, 29.97psf, 30psf]

SDI 1 3G Level [Level A, Level B] A only for 444

SDI 2: Clone SDI1 [On, Off]

SDI 2 Format [422 1.5G HD, 422 3G HD, 444 3G HD, 422 6G UHD]

SDI 2 Frame rate [23.976p, 24p, 25p, 29.97p, 30p, 48p, 50p, 59.94p, 60p, 23.976psf, 24psf, 25psf, 29.97psf, 30psf]

SDI 2 3G Level [Level A, Level B] A only for 444

## MONITORING cont.

Master Magnification [100% - 200%]

## FRAME LINES

Frame Line  
*choose/add custom/delete frame lines*  
Frame Line Color [Red, Green, Blue, Cyan, Magenta, Yellow, Black, White]  
Frame Line Opacity [1-4 | 3]

## OUTSIDE SHADING

EVF Outs. Shad. [Off, 25%, 50%, 75%, 100%]  
Monitor Outs. Shad. [Off, 25%, 50%, 75%, 100%]  
SDI Outs. Shad. [Off, 25%, 50%, 75%, 100%]

## USER RECTANGLES

User rectangles [Off, Rect 1, Rect 2, Rect 1+2]  
User rectangle 1/2 Width [0-999]  
User rectangle 1/2 Height [0-999]  
User rectangle 1/2 Offset Top [0-999]  
User rectangle 1/2 Offset Left [0-999]  
User rectangle 1/2 Reset all

## PEAKING

VF Peaking Mode [Color, Aperture]  
VF Peaking Level [1 - 20 | 5]  
VF Peaking Offset Shift [-5 - +5 | 0]  
VF Peaking Color [Red, Green, Blue, Cyan, Magenta, Yellow, White]

SDI Peaking Mode [Color, Aperture]  
SDI Peaking Level [1 - 20 | 5]  
SDI Peaking Offset Shift [-5 - +5 | 0]  
SDI Peaking Color [Red, Green, Blue, Cyan, Magenta, Yellow, White]

## EXPOSURE TOOLS

VF Exposure Tool [Zebra, False Color]  
SDI Exposure Tool [Zebra, False Color]  
False Color Mode [Monitoring-based, Log C-based]

## ZEBRA SETUP

Zebra Mode [High, Mid, High+Mid]  
High Zebra Level [0-100% | 99%]  
High Zebra Color [Red, Green, Blue, Cyan, Magenta, Yellow, Black, White]  
Mid Zebra Level [0-100% | 54%]  
Mid Zebra Range [0-100% | 2%]  
Mid Zebra Color [Red, Green, Blue, Cyan, Magenta, Yellow, Black, White]

SDI Color Bars [On, Off]

## IMAGE

## LOOK

*choose/add custom/delete look | ARRI 709*

Mirror Image [Off, V, H, V+H]

Noise reduction [On, Off]

## LOOK CONFIGURATION

VF Processing [LogC, Look, ALEXA Classic 709]  
SDI 1/2 Processing [LogC, Look, ALEXA Classic 709]  
SDI 1/2 Color Space [REC 709, REC 2020]

## SYSTEM

## SENSOR

EXT Sync [Off, EXT Master, EXT Sensor Client, EXT Settings Client]  
EXT Sync Camera Count  
*shows # of connected cameras*  
Genlock Sync [Off, SYNC IN or TC IN]  
Sync Shift [0.000 µs] [+/-3093750 | 0]

## USER PIXEL MASKING

Install User Pixel Mask  
Export User Pixel Mask  
Delete User Pixel Mask  
Grab Raw Image

Fan Mode [Rec Low, Low Noise]

Shutter Unit [Exposure Time, Shutter Angle]

## POWER

BAT In Warning [9.0-36.0V | 13.5V]

## SYSTEM TIME + DATE

*set Year, Month, Day, Hour, Minute*  
Timezone (info) [UTC -12h to +14h | UTC]  
Daylight Saving Time (Info) [On, Off]

## BUTTONS + DISPLAY

Display style [Day, Night]  
Button + LED Brightness [1-3 | 1]  
MVF-2 Touch [On, Off]

## CAMERA ACCESS PROTOCOL (CAP)

Enable CAP Server [On, Off]  
CAP Server Password...  
*set password*  
CAP Client List...  
*view connected services*

## NETWORK/WIFI

WiFi Power [On, Off]  
External Antenna [On, Off]  
WiFi Mode [Host, Client]  
Wifi Host Password...  
*set password*

WiFi Host Channel [Automatic;1-11]

## WIFI NETWORK

WiFi Networks Available...  
Enter Network Name...  
Scan QR Code...  
Disconnect

LAN IP Mode [DHCP, Static]  
LAN Static IP [192.168.0.100]  
LAN Static Subnet [255.255.255.0]  
LAN Static Gateway [0.0.0.0]

## UPDATE

Update Camera...  
Update LBUS Devices...  
Update MVF-2...  
Update Lens Mount...

Reset Electric Horizon...

*recalibrate roll & tilt*

Language [English, 中文]

## SETUP

User Setups Installed...

*save/load/delete/export User Setups*

User Setups on USB...

*save/load/import User Setups from USB drive*

Factory Reset...

*load factory default settings*

## USER BUTTONS

*define User Button functions for*

Camera User Buttons 1 to 6 (7 and 8 on Web Remote only)

MVF-2 User Buttons VF 1 and VF 2

Monitor User Buttons M, 1 to 4

Hand Unit User Buttons 1 to 6

LBUS Device User Buttons 1 to 12

GPIO User Buttons 1 to 14

Lens RET

## POSSIBLE FUNCTIONS

Off  
VF Status Info  
VF Check Log C  
VF Desqueeze  
VF Exposure Tool  
VF Frame Lines  
VF Peaking  
VF Surround View  
VF Zebra/False Color  
VF Zoom  
VF Zoom Position  
Flip Monitor  
SDI Check Log C  
SDI Desqueeze  
SDI Exposure Tool  
SDI Frame Lines  
SDI Peaking  
SDI Status Info  
SDI Surround View  
SDI Zebra/False Color  
SDI Zoom  
SDI Zoom Position  
SDI Zoom (Smart)  
SDI Color Bars  
El In-/Decrease  
FPS In-/Decrease  
ND In-/Decrease  
Shutter In-/Decrease  
WB In-/Decrease  
Audio CH-1 In-/Decrease  
Audio CH1+2 In-/Decrease  
Auto WB  
Check Last Clip  
Frame Grab  
Frame Line Color  
Overlay Menu  
Playback  
Record Start/Stop  
WiFi Power

## METADATA

*set metadata fields*

Production  
Production Company  
Director  
Cinematographer  
Camera Operator  
Location  
Scene  
Take  
User Info 1/2

## LENS &amp; ECS

## LENS DATA

Lens Tables Installed...  
*see/add/delete/export Lens Tables*  
Lens Table Favorites...  
*see/add/delete/export Lens Tables*  
Add To Favorites  
Clear Lens Table  
*clears active Lens Tables*

Calibrate All Motors

## LBUS LENS MOTOR CONFIGURATION

Focus/Iris/Zoom Motor Torque [1-4]  
Focus/Iris/Zoom Motor Direction [Left, Right]  
Focus/Iris/Zoom Motor Teeth Count [Auto, 40t, 50t, 60t]

## RADIO

Power [On, Off]  
Channel [0-13 | 4]  
Status (info) [Off, Initializing, Ready]  
Connected Devices (info)  
*see number of connected devices*  
Wireless Region Setting [Australia, Canada, China, Egypt, Europe, Hong Kong, India, Israel, Japan, New Zealand, Philippines, Singapore, South Africa, South Korea, Taiwan, Thailand, UAE, USA, World]

Focus Unit [Lens Default, Imperial, Metric]

Enable Lens Mount [On, Off]

## INFO

*get info on:*

Version  
System  
Media  
USB  
Network  
Lens  
User Button  
Ext Sync  
*export log and info files:*  
Export HW Info File...  
Export Logfiles...  
Export Update Logfiles...