

## 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 ARRIRAW]

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\*ProResonly  
3.8K LF 16:9 - UHD  
3.8K LF 16:9 - HD/2K\*ProResonly  
2.8K LF 1:1 - 2.8K  
3.4K S35 3:2 - 3.4K\*ARRIRAWonly  
3.2K S35 3:2 - 3.2K\*ProResonly  
2.8K S35 4:3 - 2.8K\*ProResonly  
2.8K S35 16:9 - HD\*ProResonly]

## 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 | B]

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]

Channel 1/2 Gain [Off] if Control = Manual: 0-30dB

Channel 1/2 Control [Manual, Manual + L, Auto]

Internal Microphones [On, Off]

Test Tone [Off, -9dBFS, -18dBFS, -20dBFS]

Headphone Volume [0-30 | 20]

## MEDIA

Erase Media...

*erases files on Compact Drive*

Prepare USB Medium...

*creates necessary folders on USB drive*

## MONITORING

## EVF/MONITOR

Surround View [On, Off]

Frame Border [On, Off]<sup>1</sup>

Magnification [100% - 200%]

Anamorphic Desqueeze [On, Off]<sup>2</sup>

## PEAKING

Peaking Mode [Color, Aperture]

Peaking Level [1 - 20 | 5]

Peaking Offset Shift [-5 - +5 | 0]<sup>3</sup>

Color [Red, Green, Blue, Cyan, Mag., Yellow, White]

## SETTINGS

EVF Brightness [120, 200 and 300]

EVF Power [Auto, Off, On]

EVF Eyepiece Heating [On, Off]

EVF Image Rotation [On, Off]

Monitor Brightness [1 - 10 | 6]

Monitor Flip Mode [Auto, Normal, Flipped]

## MONITORING cont.

## EVF OVERLAYS

Frame Lines [On, Off]

Frame Line Shading [Off, 25%, 50%, 75%, 100%]

Center Mark [Off, Dot, Small Dot, Cross, Small Cross]

Surround Mask [Black Line, Colored Line, 25% Mask, 50% Mask, 75% Mask and 100% Mask]

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]

UDM [On, Off]

Electronic Horizon [On, Off]

## MONITOR OVERLAYS

Frame Lines [On, Off]

Frame Line Shading [Off, 50%, 100%]

Center Mark [Off, Dot, Small Dot, Cross, Small Cross]

Surround Mask [Black Line, Colored Line, Semitransp. Mask]

Lens Data [On, Off]

Electronic Horizon [On, Off]

## SDI

## SDI PROCESSING

Surround View [On, Off]

Frame Border [On, Off]<sup>1</sup>

Magnification [100% - 200%]

Exposure Tool [On, Off]

## PEAKING

Peaking [On, Off]

Peaking Mode [Color, Aperture]

Peaking Level [1 - 20 | 5]

Peaking Offset Shift [-5 - +5 | 0]<sup>3</sup>

Color [Red, Green, Blue, Cyan, Magenta, Yellow, White]

## OVERLAYS

Frame Lines [On, Off]

Frame Line Shading [Off, 25%, 50%, 75%, 100%]

Center Mark [Off, Dot, Small Dot, Cross and Small Cross]

Surround Mask [Black Line, Colored Line, 25% Mask, 50% Mask, 75% Mask and 100% Mask]

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]

UDM [On, Off]

Camera Index Letter [On, Off]

Electronic Horizon [On, Off]

Anamorphic Desqueeze [On, Off]<sup>1</sup>

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 1 Image [Clean, Processed]

## MONITORING cont.

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

SDI 2 Image [Clean, Processed] clean or follows SDI 1

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 intensity [1-4 | 3]

## 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

## EXPOSURE TOOLS

Select EVF/Mon. Exp. Tool [Zebra, False Color]

Select SDI Exp. 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]

Color bars [On, Off]

## LOOK

Look

*choose/add custom/delete | ARRI 709*

EVF/Mon Processing [Log C, Look or ALEXA Classic 709]

SDI 1 Processing [Log C, Look or ALEXA Classic 709]

SDI 2 Processing [Log C, Look or ALEXA Classic 709]

SDI1 Color Space [REC 709, REC 2020]

SDI 2 Color Space [REC 709, REC 2020]

## SYSTEM

## SENSOR

Noise reduction [On, Off]

EXT Sync [Off, EXT Master, EXT Sensor Slave, EXT Settings Slave]

EXT Sync Camera Count

*shows # of connected cameras*

Genlock [Off, SYNC IN or TC IN]

Sync Shift (0.000 µs) [+/-3093750 | 0]

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

## 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]

## LENS MOUNT SETTINGS

Focus Unit [Lens default, Imperial, Metric]

Enable lens mount [On, Off]

## 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 brightness [1-3 | 1]

## CAMERA ACCESS PROTOCOL (CAP)

CAP Server Enabled [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

*if Mode = Client: choose network*

LAN IP Mode [DHCP, Static]

LAN Static IP [192.168.0.100]

LAN Static Subnet [255.255.255.0]

## 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*

Button VF 1 and VF 2

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

LBUS Device User Buttons 1 to 12

GPIO User Buttons 1 to 14

Lens RET

## POSSIBLE FUNCTIONS

Off

EVF Status info

EVF+Mon. Check Log C

EVF+Mon. Desqueeze

EVF+Mon. Exposure Tool

EVF+Mon. Frame Lines

EVF+Mon. Peaking

EVF+Mon. Surround

EVF+Mon. Zebra/False Color

EVF+Mon. Zoom

Flip Monitor

SDI Check Log C

SDI Desqueeze

SDI Exposure Tool

SDI Frame Lines

SDI Peaking

SDI Status Info

SDI Surround

SDI Zebra/False Color

SDI Zoom

SDI Zoom Position

SDI Zoom (smart)

EI 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

Color Bars

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

## ELECTR. CONTROL SYSTEM (ECS)

## 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,