

# HOME

**FPS**

set sensor speed (0.750 - 200.000fps) 25.000fps  
add/delete value

**SDI**  
link to MENU > Monitoring > SDI

**FPS INFO**  
lists maximal frame rates for sensor, codec and media

**TC**

view timecode  
edit/reset/set to time

**OPTIONS**  
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 (+/-100, 0)  
TC BNC mode (Off, TC In, TC Out)

**PROJECT RATE**  
link to Menu > Recording > Project Settings

**SHUTTER**

set exposure time/shutter angle  
add/delete value

**SWITCH UNIT**  
change to shutter angle/exposure time display

**EI**

set exposure index (160 - 3200ASA; 800ASA)  
define EI switch values

**IRIS**  
view current iris setting (LDS lens required)

**OPTIONS**  
Auto iris mode (Center, Integral)  
Auto iris offset (-9/3 to +9/3; 0/3)  
Lens switch triggers auto iris (On, Off)

**LOOK**

view look settings

**EDIT (press wheel)**  
add/delete/duplicate/rename/export look file and  
browse ARRI's Look Library

**LOOK CONFIG**  
Recording processing (Log C, Look)  
EVF/Monitor processing (Log C, Look)  
SDI 1/2 processing (Log C, Look)  
SDI 1/2 color space (REC 709, REC 2020)

**LOOK PARAMETER**  
detailed view of CDL and Video Look Parameter values, can  
be edited (only work on a copied look or use a custom look!)

**WB**

define WB switch values  
set white balance (2.000 - 11.000K; +/-16.0CC)  
add/delete/rename values; press wheel to confirm

**OPTIONS**  
Auto WB mode (Matrix, Center)  
WB tracking on position IV (On, Off)

# INFO & SYSTEM STATUS

**i**

view information on

- Version
- System
- Maximum FPS
- Card A/B
- USB
- Network
- Lens
- User button

Export HW info file  
Export logfiles  
Export update logfiles

**!**

view camera status/alert states

## MENU

### RECORDING

Recording Codec (422 LT, 422, 422 HQ, 4444, 4444 XQ, MPEG-2 HD 422, ARRIRAW\*ARI)

Resolution (S16 HD, HD, 2K, 3.2K, 4K UHD, 2.8K\*ARI)

#### PROJECT SETTINGS

Project rate (23.976p, 24p, 25p, 29.97p, 30p, 48p, 50p, 59.94p, 60p, 50i, 59.94i, 60i)

Next reel count (001-999)

Camera index (A-Z)

Camera ID prefix (A-Z; B)

Lens squeeze factor (1.0, 1.3\*ARI)

#### RECORD MODE

Record mode (Normal, Interval, Stop Motion)

Interval length (Xh XXm XX s)

Burst length (1-2000 frames)

Duration mode (Manual, Preset)

Recording duration (XXh XXm XXs)

Resulting clip length (Xh XXm XXs)

Stop motion beeper (On, Off)

#### REC BEEPER/TALLY

Rec start beeper (On, Off)

Rec stop beeper (On, Off)

Card full beeper (On, Off)

Tally MVF-1 (On, Off)

Tally rear (On, Off)

Prerecord max. duration (1-20s in HD, max. 7.6s in UHD)

#### AUDIO RECORDING

Audio recording (On, Off)

Channel 1/2 control (Manual, Manual+L, Auto)

Channel 1/2 gain (±0dB up to +30dB)

check Channel 1/2 level

Test tone (On, Off)

### MEDIA

Erase CARD A/B

Delete last clip CARD A/B

Prepare USB medium

### MONITORING 1of3

#### EVF/MONITOR

Surround view (On, Off)

Zoom position (Top left/center/right, Mid left, Eye level, Mid center, Mid right, Bottom Vc/r)

Anamorphic desqueeze (On, Off)\*ARI

#### PEAKING

Peaking mode (Color, Aperture)

Peaking level (1-20; 5)

Peaking offset shift (+/- 5; 0)

Color (Red, Green, Blue, Cyan, Magenta, Yellow, White)

#### SETTINGS

EVF brightness (120, 200, 300) \*MVF-1A

EVF brightness (1-10; 6) \*MVF-1

EVF gamma (Standard, Lifted) \*MVF-1

EVF power (Auto, On, Off)

Monitor brightness (1-10; 6)

Monitor flip mode (Auto, Normal, Flipped)

### MONITORING 2of3

#### 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%, 50%, 75%, 100% Mask)

Status info (Off, Overlay, 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)

#### MONITOR OVERLAYS

Frame lines (On, Off)

Center mark (Off, Dot, Small Dot, Cross, Small Cross)

Surround mask (Black Line, Colored Line, Semi-transparent Mask)

Lens data (On, Off)

#### SDI

#### SDI PROCESSING

Surround view (On, Off)

Exposure tool (On, Off)

#### PEAKING

Peaking (On, Off)

Peaking mode (Color, Aperture)

Peaking level (1-20; 5)

Peaking offset shift (+/- 5; 0)

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)

Surround mask (Black Line, Colored Line, 25%, 50%, 75%, 100% Mask)

Status info (Off, Overlay, Safe)

#### STATUS COMPONENTS

see EVF/MONITOR > Status components

Camera index letter (On, Off)

Anamorphic desqueeze (On, Off)\*ARI

SDI 1 format (422 1.5G HD, 422 3G HD, 444 3G HD,

DL 422 3G UHD, 422 6G UHD,

DL 422 6G UHD)

SDI 1 frame rate (23.976p, 24p, 25p, 29.97p, 30p, 48p,

50i/p, 59.94i/p, 60i/p, 23.976psf, 24psf,

25psf, 29.97psf, 30psf)

SDI 1 3G level (Level A, Level B) A only for 444

SDI 1 image (Clean, Processed)

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,

50i/p, 59.94i/p, 60i/p, 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

### MONITORING 3of3

#### FRAME LINES

##### FRAME LINE

choose frame line

Frame line color (Red, Green, Blue, Cyan, Magenta, Yellow, Black, White)

Frame line intensity (1-4; 3)

User rectangles (Off, Rect 1, Rect 2, Rect 1+2)

#### USER RECTANGLE 1/2

Width (0-999)

Height (0-999)

Offset left (0-999)

Offset top (0-999)

Reset all

#### EXPOSURE TOOLS

Select EVF/Mon. exp. tool (Zebra, False Color)

Select 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)

EVF waveform (On, Off)

EVF waveform size (Small, Large)

Monitor waveform (On, Off)

Monitor waveform size (Small, Large)

#### RETURN IN PATH CONFIG

EVF/Monitor (On, Off)

SDI 1 (On, Off)

SDI 2 (On, Off)

Color bars (On, Off)

### SYSTEM 1of2

#### SENSOR

Image sharpness set/active (-5 to +35; 0)

Image detail set/active (-5 to +5; 0)

Noise reduction (Off, Normal, Strong)

Genlock sync (Off, SYNC IN, TC IN)

Sync shift (0.000 µs) (+/-3093750; 0)

Mirror image (Off, V, H, V+H)

#### USER PIXEL MASKING

User pixel mask active (No, Yes)

Install/Export/Delete user pixel mask

Grab raw image

Fan mode (Regular, Rec low, Low Noise)

#### POWER

Bat onboard (BAT1) warning (9.0-36.0V; 13.5V)

Bat onboard (BAT1) warning (0-99%; 10%)

Bat onboard (BAT2) warning (9.0-36.0V; 22.0V)

Bat unit preference (Volt, Percent)

#### LENS MOUNT SETTINGS

Focus unit (Lens default, Imperial, Metric)

Enable lens mount (On, Off)

WiFi power (On, Off)

WiFi mode (Host, Client)

### SYSTEM 2of2

#### SYSTEM TIME + DATE

set Year, Month, Day, Hour, Minute

Timezone (info) (UTC -12h to +14h)

Daylight saving time (info) (On, Off)

#### BUTTONS + DISPLAY

Display style (Day, Night)

Button brightness (1-3; 1)

#### LOCK CONFIG

Camera buttons + switches

EVF buttons

Lens buttons

define button lock

#### MULTICAM

Multicam (On, Off)

SSCP device IP (192.168.001.001)

SSCP device port (07800)

#### 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)

WiFi mode (Host, Client)

#### WIFI HOST PASSWORD

set password

#### WIFI NETWORK

if mode=client: choose network

Wireless region setting (Europe, USA, Japan, South Korea, World)

LAN IP mode (DHCP, Static)

LAN static IP (192.168.000.100)

LAN static subnet (255.255.255.000)

#### LICENSED FEATURES

manage licenses

#### UPDATE

commit firmware update via SUP package

on USB media for camera or LBUS devices

Language (English, 中文)

### SETUP

#### USER SETUPS INSTALLED

manage user setups on camera

#### USER SETUPS ON USB

manage user setups on usb drive

#### FACTORY RESET

reset camera to ARRI's default settings

### USER BUTTONS

User Switch (None, Fps, Look, Exp. Time)

Button VF1/2 (Off,

EVF Status info

EVF Waveform,

EVF+Mon. Check Log C

EVF+Mon. De-squeeze

### USER BUTTONS

EVF+Mon. Exp. Tool

EVF+Mon. Frame Lines,

EVF+Mon. Peaking

EVF+Mon. Surround

EVF+Mon. Zebra/FC

EVF+Mon. Zoom

Monitor Waveform

Flip Monitor

SDI Check Log C

SDI Desqueeze

SDI Exp. Tool,

SDI Frame lines

SDI Peaking

SDI Status info,

SDI Surround

SDI Zebra/FC

EI In-/Decrease,

FPS In-/Decrease

ND In-/Decrease, Shutter

In-/Decrease

WB In-/Decrease, Audio Solo,

Audio Ch1 In-/Decrease

Audio Ch1+2 In-/Decrease

Auto WB

Bluetooth Talk-Back,

Check Last Clip

Color Bars

Frame Grab

Frame Line Color

Iris Auto

Intercom,

Overlay Menu

Playback

Prerecording

Record Start/Stop

Return In

Select Card

Stop Motion Trigger

WiFi power)

#### CAMERA USER BUTTONS 1-8

same options as VF1/2

#### WCU USER BUTTONS 1-6

same options as VF1/2