

## HOME

## FPS

set sensor speed (0.750 - 200.000fps) 24.000fps  
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)

## 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)

## IRIS

view current iris setting (LDS lens required)

## OPTIONS

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

## ND

set ND filter (ND -, ND 0.6, ND 1.2, ND 2.1)

## LOOK

view look settings

## EDIT (press wheel)

add/delete/duplicate/rename/export look file and  
browse ARRI's Look Library

## SET GAMMA

Rec (Log C, Look)  
SDI (Log C, Look)  
EVF/Monitor (Log C, Look)

## 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

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, Off)

## AW

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

## INFO &amp; SYSTEM STATUS

## i

view information on

Version  
System  
Maximum FPS  
Card  
USB  
Network  
Lens  
User button

Export HW info file  
Export logfiles  
Export update logfiles  
Export user manual

## !

view camera status/alert states

## MENU

## RECORDING

Recording Codec (422 LT, 422, 422 HQ, 4444, 4444 XQ, ARRIRAW)

Resolution (for ProRes: S16 HD, HD, HD Ana., 2K, 2.39:1 2K Ana., 3.2K, 4K UHD, 4:3 2.8K) for ARRIRAW: 2.8K, Open Gate 3.4K, 4:3 2.8K, 16:9 HD Ana., 2.39:1 2K Ana.)

## 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; R)

Lens squeeze factor (1.0, 1.3, 2.0) *only for anam. modes*

## 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)

Prerecording 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 to +30dB; 0dB)

Channel 1/2 level (level-meter shown)

Test tone (On, Off)

## MEDIA

Erase CARD

Delete last clip

Prepare USB medium

## 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*

## MONITORING 1of2

## EVF/MONITOR

Surround view (On, Off)

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

Anamorphic desqueeze (On, Off)

## 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 (1-10; 6)

EVF gamma (lifted, standard)

EVF power (Auto, Off, On)

Monitor brightness (1-10; 6)

Monitor flip mode (Auto, Normal, Flipped)

## EVF OVERLAYS

Frame lines (On, Off)

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

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

Electronic horizon (On, Off)

## MONITOR OVERLAYS

Frame lines (On, Off)

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

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

Lens data (On, Off)

Electronic horizon (On, Off)

    Show numeric values (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)

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

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

Status info (Off, Overlay, Safe)

## MONITORING 2of2

## STATUS COMPONENTS

*see EVF/MONITOR > Status components*

Camera index letter (On, Off)

Anamorphic desqueeze (On, Off)

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*

## 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)

Color bars (On, Off)

## SYSTEM

## SENSOR

Image sharpness set/active (0-5; 0)

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

Noise reduction (On, Off)<sup>\*UHD</sup>

EXT sync (Off, EXT master, EXT sensor slave, EXT settings slave)

EXT sync camera count *shows # of connected cameras*

Genlock (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 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)

Daylight saving time (info) (On, Off)

## BUTTONS + DISPLAY

Display style (Day, Night)

Button brightness (1-3; 1)

## 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*

## RESET ELECTRONIC HORIZON

*recalibrate roll & tilt*

Language (English, 中文)

## USER BUTTONS

Button VF1/2 (Off, EVF Status info, EVF Waveform, EVF+Mon. Check Log C, EVF+Mon. De-squeeze, 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 CH-1 In-/Decrease, Audio CH1+2 In-/Decrease, Auto WB, Check Last Clip, Color Bars, Frame Grab, Frame Line Color, Iris Auto, Overlay Menu, Playback, Prerecording, Record Start/Stop, Return In, 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*

## MASTER GRIP USER BUTTONS 1-12

*same options as VF1/2*

## GPIO USER BUTTONS 1-14

*same options as VF1/2*

## LENS RET

*same options as VF1/2*

## METADATA

*enter production metadata*

Production

Production Company

Director

Cinematographer

Camera Operator

Location

Scene

Take

User info 1/2

## Electronic Control System (ECS)

## RADIO

Power (On, Off)

Channel (0-7; 4)

Status (info; Off, Initializing, Ready)

Connected devices (number of connected devices)

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

## LENS DATA

*view lens data/choose and manage set LDS tables*

Calibrate all motors

## LBUS LENS MOTOR CONFIGURATION

Focus/Iris/Zoom motor torque (1-4; 3)

Focus/Iris/Zoom motor direction (Left, Right)

Focus/Iris/Zoom motor teeth count (Auto, 40t, 50t, 60t)