

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 (-9/3 to +9/3; 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

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

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 & SYSTEM STATUS

i

view information on
Version
System
Maximum FPS
Card
USB
Network
Lens
User button
EXT sync
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, 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 (Off, -9dBFS, -18dBFS, -20dBFS)

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 (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)

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)

EVF 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)

Show numeric values (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)

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)

Frame line shading (Off, 25%, 50%, 75%, 100%)

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

MONITORING 2of2

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

Status info (Off, Overlay, Safe)

SDI 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 (-5 to +35; 0)

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

Noise reduction (Off, Normal, Strong)

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

EXT sync camera count *shows # of connected cameras*

Genlock sync (Off, Sync N, TC IN)

Sync shift (0.000 μ s) (+/-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 (Client, Host)

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+Monitor: Check Log C, Desqueeze, Exposure Tool, Frame Lines, Peaking, Surround, Zebra/FalseColor, Zoom, Monitor Waveform, Flip Monitor, SDI: Check Log C, Desqueeze Exposure Tool, Frame lines, Peaking Status info, Surround, Zebra/FalseColor, 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, Color Bars, Frame Grab, Frame Line Color, Iris Auto, Intercom, 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

LBUS DEVICE USER BUTTONS 1-12

same options as VF1/2

GPIO USER BUTTONS 1-14

same options as VF1/2

ENG LENS USER BUTTON

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)

Identical