

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 (+/- 0/3-9/3 max; 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
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
 define WB switch values
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
 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, MPEG-2 HD 422)
- Resolution (S16 HD, HD, 2K, 3.2K, 4K UHD)
- 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, 2.0) *only for anamorphic 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)
- Tally rear (On, Off)
- Prerecord max. duration (1-20s in HD, max. 7.6s in UHD)

MEDIA

- Erase CARD A/B
- Delete last clip A/B
- 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 power (Auto, 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)
- 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)
- 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)
- 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)
- STATUS COMPONENTS**
- see EVF/MONITOR > Status components*
- Camera index letter (On, Off)
- Anamorphic desqueeze (On, Off)

MONITORING 2of2

- 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)
- 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 0**
- EVF/Monitor (On, Off)
- SDI 1 (On, Off)
- SDI 2 (On, Off)
- Color bars (On, Off)

SYSTEM

- SENSOR**
- Image sharpness set/active (0-5; 0)
- Image detail set/active (0-5; 0)
- Genlock (Off, SYNC IN, TC IN)
- Sync shift (0.000 µs) (+/-3093750; 0)
- Mirror image (Off, V, H, V+H)
- Sensor temperature (Normal, High humidity)
- 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)
- 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 *define button lock*
- Lens buttons
- 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)

USER BUTTONS

- Button VF1/2 (Off, EVF Status info, EVF Waveform, EVF+Mon. Check Log C, EVF+Mon. Desqueeze, 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, El In-/Decrease, FPS In-/Decrease, ND In-/Decrease, Shutter In-/Decrease, WB In-/Decrease, Audio Solo, Auto WB, Bluetooth Talk-Back, Check Last Clip, Color Bars, Frame Grab, Frame Line Color, Iris Auto, 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 1-4**
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