

FX-7

Logic
Always On-AIR

7" HIGH-BRIGHTNESS FIELD MONITOR



2000 NITS

High Brightness

12G-SDI

Professional I/O

1.073B Colors

10-bit Color

TOUCH

Fast & Easy Control

LEMO + PD

Flexible Power

Professional visibility and workflow flexibility - from studio to location

Designed for filmmakers, broadcast crews and content creators who demand reliable monitoring in every production environment

www.tvlogic.tv

Everything you need on set in one compact 7-inch monitor

High-brightness viewing, professional signal connectivity and intuitive control help crews make confident decisions without slowing production.

01

2000NITS ULTRA-BRIGHT DISPLAY

Clear, confident viewing for outdoor production and high-ambient-light environments

06

PROFESSIONAL HDR MONITORING

HDR EOTF support including PQ and HLG for accurate production monitoring.

02

12G-SDI WORKFLOW SUPPORT

12G/6G/3G/HD-SDI input and output for reliable professional UHD signal handling.

07

IMAGE CAPTURE & OVERLAY

Capture reference frames and overlay them for continuity checks and shot matching

03

COMPLETE TOUCH CONTROL

Fast access to monitoring tools and settings through a responsive full touch interface.

08

CUSTOM 3D LUT IMPORT

Import and apply custom 3D LUTs for on-set color preview and creative workflows.

04

PICTURE-BY-PICTURE

Monitor two sources simultaneously for multi-camera, comparison and mixed-orientation workflows.

09

LEMO POWER IN & PASS-THROUGH

Reliable DC power connectivity with pass-through output for streamlined rig management.

05

CUSTOM ANAMORPHIC DE-SQUEEZE

Selectable de-squeeze ratios provide accurate monitoring with anamorphic lenses.

10

USB-C PD POWER INPUT

Flexible mobile power operation through USB-C Power Delivery (minimum 45W).

A complete monitoring toolkit for demanding productions

Evaluate exposure, focus, framing, color and audio while keeping frequently used tools within immediate reach.



VIDEO & AUDIO ANALYSIS

Make accurate exposure and color decisions directly on set.

- Waveform (Luma / YCbCr / RGB)
- Vectorscope
- Combined Waveform + Vectorscope View
- Histogram
- Luma Zone Check (Color / Zebra)
- Range Error Indicator
- Blue-Only Mode
- Audio Level Meter

FOCUS & FRAMING

Confirm critical focus and composition before the take.

- Focus Assist
- Focus Assist with Selectable Range
- Custom Aspect Ratio
- Standard Markers, Custom User Marker
- Touch Zoom
- Custom Anamorphic De-Squeeze
- Various Scan Mode
- Aspect Ratio Adjustment

COLOR & LOOK MANAGEMENT

Preview the intended look while maintaining flexible color control.

- Color Standard Selection
- Color Space Selection
- EOTF Selection
- Color Temperature Adjustment
- R/G/B Gain & R/G/B Bias Adjustment
- Custom 3D LUT Import and Application
- Integrated Camera LUTs
- Video Range Adjustment
- Save and Restore Color Settings

WORKFLOW & SYSTEM

Adapt the monitor quickly to the camera, rig and shooting format.

- Picture-by-Picture Monitoring
- Capture & Overlay
- Auto & Manual Image Rotate and Mirror
- Timecode Display
- On-screen Horizontal Level Meter
- 6x Function & Preset Buttons
- Preset Pages
- ARRI Metadata Display
- Thermal Backlight Protection
- Save and Restore Configuration Data
- Internal Test Pattern

Professional UHD Field Production

Compact dimensions, flexible power and 12G-SDI connectivity make FX-7 easy to integrate into camera and DIT rigs.

COMPACT BODY

214 x 135 x 45.75 mm
8.42 x 5.31 x 1.80 inch
0.82 kg / 1.80 lbs

DISPLAY

Display Size	7"
Resolution	1920 × 1200 (16:10)
Luminance	2000 cd/m ²
Contrast Ratio	1200:1
Viewing Angle	160°(H) / 160°(V)
Color Depth	1.073 Billion Colors
Pixel Pitch	0.07875 × 0.07875 mm
Display Area	151.2 × 94.5 mm

I/O & POWER

SDI Input	2 x 12G/6G/3G/HD-SDI Input
HDMI Input	1 x Up to 4096 × 2160/60p Input
SDI Output	1 x 12G/6G/3G/HD-SDI A/B Select
HDMI Output	1 x HDMI Output
Conversion	HDMI-to-SDI Output
Power Input	DC 12V LEMO 2-pin
USB-C PD	Minimum 45W
Power Output	LEMO 2-pin Pass-through

AUDIO & MECHANICAL

Audio Input	SDI embedded audio
Audio Output	3.5 mm Headphone Output
Dimensions	214 × 135 × 45.75 mm
Weight	0.82 kg / 1.80 lbs
Operating Temp.	0°C to 40°C
Storage Temp.	-20°C to 60°C

SUPPORTED SIGNALS

12G-SDI	12 Gb/s
6G-SDI	6 Gb/s
3G-SDI	2.970 Gb/s
HD-SDI	1.485 Gb/s
HDMI	480i to 2160p
Update	USB-C firmware upgrade

ACCESSORIES

STANDARD

D-Tap Cable(LEMO)

OPTIONAL

V-Mount Bracket, Gold-Mount Bracket
Carrying Case, AC-DC Adapter, Sun Hood

Specifications and product design are subject to change without notice.