4K

SWIT®

12GSDI 4K HDR Broadcast Monitor

4K

12G-SDI

4K LCD panel and full 4K interfaces including:
- ▶ 12G-SDI
- ▶ 4×3G-SDI
- ▶ HDMI 2.0
- ▶ SFP Fiber 12G（Optional）

HDR

HLG/PQ/S-log3

Up to 1000nit high bright panel and support the following HDR standards:
- ▶ HLG
- ▶ Dolby Vision PQ
- ▶ SONY S-Log3

AUTO

3DLUT Calibration

Built-in 3DLUT calibration software, support X-rite i1 and JETI Specbos 1211 probes to directly connect with monitor and automatically calibrate within 15min. Delta E＜1.0.

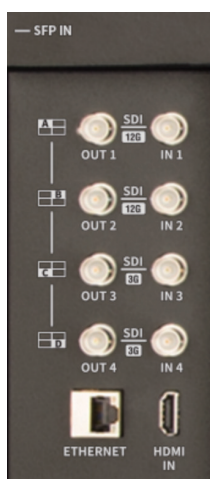| **BM-U173**	**BM-U243**	**BM-U275HDR**	**BM-U315HDR**
17.3-inch 3840x2160	23.8-inch 3840x2160	27-inch 3840x2160	31.1-inch 4096x2160
350nit, 1000:1	300nit, 1000:1	1000nit, 1400:1	1000nit, 1400:1
8-bit, 91.5% DCI-P3	10-bit, 94.1% DCI-P3	10-bit, 97.2% DCI-P3	10-bit, 94.5% DCI-P3

4K interfaces

- 12G-SDI （SDI 1 & 2）
- Quad link 3G-SDI (SDI 1/2/3/4)
- HDMI 2.0 4K60P
- SFP Fiber 12G
  (Converted to 12G-SDI out)

* The Quad link 3G-SDI supports both Quad mode and 2SI interleave mode.

* The SFP optical fiber adaptor is optional purchased.

Auto 3DLUT Calibration

JETI Specbos 1211

X-rite i1
(Dedicated version)

With built-in color generator and calibration software, support X-rite i1 (Dedicated version) and JETI Specbos 1211 to directly plug into monitor USB port to auto calibrate.

Calibration time: X-rite i1: **15min**; Specbos1211: **45min**
Calibration result: **ΔE＜1.0**

Video/Audio Assist

■ **HDR, De-log 3DLUT and User LUT upload**

Provide with HLG1000, PQ1000 and S-log3 HDR gamma;

Built-in De-log LUTs including Log-C, S-log2, S-log3, C-log, V-log, RedLogFilm LUTs, to convert to ITU709 directly;

Support user 3DLUT cube files to upload by USB.

■ **Waveform/Vector/Histogram**

Support waveform selection display (Y, Cb, Cr, R, G, B), and single line mode; support vector scope and R/G/B/Y histogram display, with multiple display position, size and color selection.

Y, Cb, Cr, R, G, B selection display

Vector scope with color selection

Color selection and single line mode

R/G/B/Y histogram
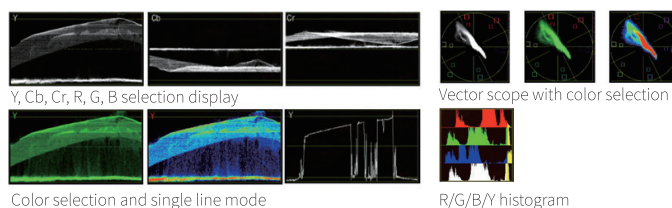
■ **Audio meters / Lissajous pattern**

Display up to 16-ch de-embed audio level meters, with audio abnormal alerts info, and support select any 2 channels audio to output via 3.5mm socket or speakers.
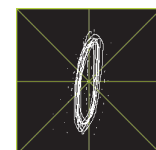
Support audio Lissajous pattern display.
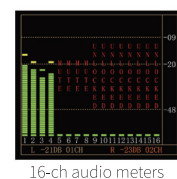
16-ch audio meters

■ **Audio/Video Zero Latency Mode**

Support Zero latency mode, the audio/video latency is as low as 1/100 frame under 4K60p, which is a special image processing mode for lip-sync monitoring.

Lissajous

■ **Others**

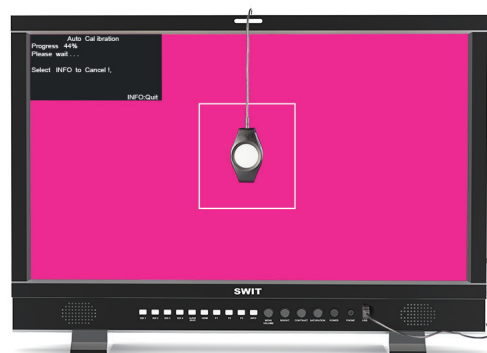Support TSL 3.1/4.0 UMD display
SDI timecode (LTC, VITC1&2) display
Focus assist display mode
R/G/B/Mono, False color, Zebra stripes
H/V delay, freeze frame
GPI control and webserver IP control