x4K55bHDR10 Broadcast OLED

- 4K. Includes 2x 12G and 2x 3G SDI inputs & loop-thru outputs (4 SDI inputs total)
- HDMI 2.0 up to 2160p60 with HDCP • SFP Input (Fiber/SDI/HDMI)
- 1000 nts HDR Display • HLG, ST2084 2020, ST 2084 P3 formats
- Anti-Glare/Anti-Reflection Screen
- Monitor Control via Panel Controls, Ethernet, RS-422, IR, and GPI
- 3D LUTs • Color Temperatures • CalMan Factory Calibrated
- Custom 3D LUT file import through USB and IP
- USB Firmware Upgrades • 16 Ch Audio Level meters
- High Dynamic Range (HDR) display functions: PQ (2084), Hybrid Log Gamma, S-Logs
- Waveform & Vector Scope • Peaking Filters • False Colors
- Timecode Reader • Closed Caption 608, 708 Display
- Area Markers • H/V Flip Function • Blue/Colors/Mono • H/V Delay
- Aspect Ratio Choices • 3 Colors Tally Lamps • UMD

SPECIFICATIONS	
Active Area (Diagonal)	54.6"/ 1387.832mm
MODES	
High & Standard Definition Video Modes	4096x2160 (23.98/24/25/29.97/30/50/59.94/60p), 3840x2160 (23.98/24/25/29.97/30/50/59.94/60p) Native Rates 2048x1080p (23.98/24), 1920x1080p (23.98/24/25/30pSF, 23/24/25/29/30p) Native Frame Rate Supports 1920x1080i (50/59.94/60), 1280x720p (24/25/30/50/59.94/60p), 480i (59.94i), & 576i (50i) Native Rates HDMI: 480p/720p/1080p/2160p All in Native Frame Rates
INPUTS	
Digital Video Inputs (SDI, SFP)	12G/3G/HD/SD SDI1, SMPTE ST 2082-10/ SMPTE ST424&425/ SMPTE 292M/ SMPTE296M/ SMPTE125/ ITU-R BT656 (Dual link Not Supported)
Digital Video Inputs (HDMI)	Up to 2160p HDMI (at 3840x2160_4096x2160, only 4:2:0 Color Format supported)
PICTURE	
Aspect Ratios	Full Screen, 16:9, 4:3, 14:9, 13:9, 1.85:1, 2.85:1, Pixel to Pixel.
Pixel (RGBW Quad) Arrangement	3840 H x 2160 V Pixels (16:9)
Pixel (RGB Trio) Pitch, Depth	0.315 mm x 0.315 mm, 1.07Billion colors, 10 bit
Brightness, typical	1000 cd/m^2 (HDR 3%)
Contrast Ratio	1.65M:1 (Typ) (Pritchard 810L, APL 25%)
Color Gamut	99 % DCI (P3)
Color Processor	10 bit color Processor
Viewing Angle, contrast>10	178° (R/L/U/D, typ.)
Panel Response Time / Latency	Panel: 0.1 ms (Grey-to-Gray, t_r, t_f); 1 frame (16.8/21.2 ms [p60/p48])
CONTROLS	
User Controls	Input Buttons: SDI, SFP, 2SI, QUAD, HDMI, Programmable Buttons F1-F5; Power, Menu, Select, Up, Down, Adjust
Remote Controls	TCP/IP, GPI, IR, RS-422, RS-232
LIGHT	
Light Source (Direct View)	OLED (RGBW)
LED Life, Image Retention:	30,000 hrs; Negligible (screen refresh function)
CONNECTORS	
Video Connectors	BNC x 8, SDI 1/2 12G Inputs, SDI 3/4 3G Inputs with looping outputs (auto EQ / regen); SFP (Fiber/SDI/HDMI)
HDMI Connectors	HDMI x 1, 2.0 Input
POWER	
DC Power	24 VDC ±10%
DC Connector	XLR-5M (pins 1,2=Gnd, pins 4,5=+volts)
AC Power (detachable power supply)	100-240 VAC, 50/60 Hz
AC Power Connector	IEC 320-C14 3 pin Male
DISPLAY	
Window (Display Area)	47.62 x 26.79" / 1209.6 x 680.4mm
Cabinet Dimensions (without feet)	48.43 x 27.80 x 2.43" / 1230 x 706 x 62 mm
Weight	TBD
Operating (full spec)	0 to +50°C, no condensation, 0 to 10,000 feet (3,048m)
Storage	-20 to 60°C, no condensation, 0 to 40,000 feet (12,192m)

Dimensional callouts (panel / rear views)

Top view dimensions:
- 27.785 [706.0]
- 27.415 [696.3]

Rear view vertical (left side, top to bottom):
- 19.468 [494.5]
- 19.035 [483.5]
- 18.748 [476.2]
- 18.012 [457.5]
- 17.320 [440.0]
- 17.008 [432.0]
- 16.535 [420.0]
- 16.043 [407.5]
- 15.335 [389.5]
- 14.843 [377.0]
- 14.350 [364.3]
- 13.898 [353.0]
- 13.071 [332.0]
- 12.342 [313.5]
- 11.614 [295.0]
- 10.886 [276.5]
- 10.157 [258.0]
- 8.701 [221.0]
- 8.130 [206.5]

Rear view vertical (right side, top to bottom):
- 27.303 [693.5]
- 24.004 [609.7]
- 21.772 [553.0]
- 19.252 [489.0]
- 18.563 [471.5]
- 17.835 [453.0]
- 17.311 [439.7]
- 16.673 [423.5]
- 15.116 [384.0]
- 13.898 [353.0]
- 13.701 [348.0]
- 12.953 [329.0]
- 12.205 [310.0]
- 11.457 [291.0]
- 10.531 [267.5]
- 9.961 [253.0]
- 9.536 [242.0]
- 8.642 [219.5]
- 6.024 [153.0]
- 3.791 [96.3]
- 0.492 [12.5]

Bottom dimensions (panel front view, left):
- 0.533 [13.5]
- 0.000 [0.0]
- 48.071 [1221.0]
- 48.425 [1230.0]
- 0.000 [0.0]
- 0.354 [9.0]

Side view right: 30.543 [775.8]

Bottom plan view:
- 33.858 [860.0]
- 0.000 [0.0]
- 1.862 [47.3]
- 1.783 [45.3]
- 2.827 [71.8]
- 3.142 [79.8]
- 0.843 [750.0]
- 33.940 [860.5]

REMOVABLE STAND FEET

Table of fasteners

MARK	TABLE OF FASTENERS	QTY	DEPTH MAX
A	M5 INSERTS (200*200mm,400*400 VESA)	14	0.472"/12 mm
B	10-32 INSERTS (MOUNTING)	6	0.472"/12 mm

NOTE: MOUNT MONITOR WITH A OR B HOLES ONLY

INCH [mm]

REV	CHANGES	BY	DATE
B1	PANEL TYPE TO CELL (OD=+2mmH, +4mmV)	C.K.MIN	6/2/25
A5	MADE FROM 6539 A5	C.K.MIN	5/28/25