

DB55W9HC

Professional 8K Reference Display

The elite, tuned to perfection - Performance engineered monitors



8K@120Hz

Ultra-High Resolution

32:9

Ultra-Wide Aspect

55"

Professional Size
Flat Screen

24/7

Broadcast Ready

About DB55W9HC

DB55W9HC is a professional-grade 8K reference display designed for broadcast and XR applications. Our display technology incorporates the most advanced processing capabilities available to offer superior visual performance and reliability for professional environments.

The DB55W9HC incorporates the most experienced professionals available to offer a range of services and solutions. Whether you're creating the control room of the future, establishing a new broadcast center or deliver your visual content to thousands of viewers, DB55W9HC can assist you bring your biggest ideas to life.

Professional Applications

- ✓ **TV Studios & Broadcast** - Live broadcast monitoring and control room applications with real-time 8K@120Hz performance
- ✓ **Education & Conference** - Interactive electronic whiteboards and presentation systems for educational institutions
- ✓ **XR/Virtual Production** - Extended Reality and virtual production environments supporting real-time rendering
- ✓ **Commercial Display** - High-traffic commercial and information environments including digital signage

Technical Specifications & Features



Professional 3D Technical Illustration

Display Performance

Parameter	Specification
Resolution	7680 × 2160 (8K UHD)
Screen Size	55 inch
Aspect Ratio	32:9 Ultra-Wide
Refresh Rate	120Hz native
Display Area	1209.6(H) × 340.2(V) mm
Pixel Pitch	0.0525(H) × 0.1575(V) mm
Brightness	300 nits
Response Time	15ms
Contrast Ratio	1200:1
Color Gamut	72% color space coverage
Viewing Angle	178° H/V
Lifespan	30,000 hours

System Platform

Component	Specification
Platform	GK6780V300
Operating System	Android 10.0
CPU	8-core Cortex-A73 @ 2.4GHz
GPU	Mali-G52 MP12
Memory	6GB LPDDR4X
Storage	64GB eMMC
WiFi	WiFi6 support
Bluetooth	Bluetooth 5.2
NPU	4TOPS NPU (gesture & face recognition)

Professional Connectivity

Dual HDMI 2.1 Input (8K@120Hz)	2× HDMI 2.0 Output
2× USB 3.0	1× USB 2.0
1× RS232 Serial Control	1× RJ45 Gigabit Ethernet
1× SPDIF Audio Output	SIM Card Slot

Audio System

2×10W or 2×20W built in speakers (optional), Dolby & DTS audio processing support, Standard 8Ω impedance (Maximum: 2×15W).

Professional Environments & Solutions

Real Broadcast & Studio Environments



TV Studio Control Room



Broadcast Control Center



Conference & Education



XR & Virtual Production

Professional Benefits

- ✓ Tested and validated in real broadcast environments
- ✓ Optimized for control room workflows and operations
- ✓ Compatible with multi-monitor setup configurations
- ✓ 24/7 broadcast ready reliability and stability
- ✓ Recommended by broadcast engineers and studio professionals
- ✓ Professional grade installation and calibration support

Video Codec Support

Advanced Processing: 8KP120@10bit ultra-high-definition decoding, AVS3/AVS2/AVS+ codec support, H.265, H.264, AV1, VP6/8/9, MPEG2, MPEG4, VC1 decoding, és 4KP60 H.265/H.264 encoding capabilities. 5K2K@120Hz screen support with 5K UI upgrade possibility.

Physical Construction

Specification	Value
Dimensions	2506 × 1092 × 97 mm (H×W×D)
Net Weight	93.58 kg
Gross Weight	123.45 kg (with wall mount)
Package Size	2667 × 230 × 1282 mm
VESA Mount	1000 × 600 mm (horizontal and vertical)
Bolt Specification	M8 × 25mm
Material	Aluminum alloy brushed front + hardware back
Color	Full black design

Contact us to bring your ideas to life

HAIKOTO Professional Display Solutions

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Website: www.haikoto.com

Services: Custom solutions, installation, calibration and 24/7 technical support

Minimum Orders: 55" alatt: 10 db, 55" felett: 5 db

Custom Branding: Custom logos for over 200 pieces