

UH5N-M Series - 86" UHD Standard Signage

86UH5N-M

Key Features

- Resolution : 3,840 × 2,160 (UHD)
- Brightness : 500 nits (Typ.)
- Surface Treatment (Haze) : 25%
- Bezel Width : 13.4 mm



All Spec

PANEL

Screen Size (Inch)	Panel Technology
86"	IPS
Back Light Type	Aspect Ratio
Edge	16:9
Native Resolution	Refresh Rate
3840 x 2160 (UHD)	120Hz
Brightness	Contrast Ratio
500nit (Typ.)	1,200:1
Dynamic CR	Color Gamut
1,000,000:1	BT709 95%
Viewing Angle (H x V)	Color Depth (Number of Colors)
178 x 178	8bit(D), 1.07Billion colors
Response Time	Surface Treatment (Haze)
8ms (G to G)	25%
Life time	Operation Hours (Hours/Day)
50,000Hrs (Min.)	24/7
Portrait / Landscape	
Yes / Yes	

CONNECTIVITY

HDMI In	DP In
Yes(3), 3840x2160@60Hz, HDCP 2.2/1.4	Yes(1), 3840x2160@60Hz, HDCP 2.2/1.3
RS232C In	RJ45(LAN) In
Yes (1), 4pin Phone-jack	Yes (1)
IR In	USB In
Yes (1)	USB2.0 Type A(2)
Audio Out	RS232C Out

Yes (1)	Yes (1), 4pin Phone-jack
IR Out	
No (Support IR daisy chain via RS232C IN/OUT)	

MECHANICAL SPECIFICATION

Bezel Color	Bezel Width
Black	13.4mm
Monitor Dimensions (W x H x D)	Handle
1928.8 x 1099.8 x 29.7 (without IR, Handle)	Yes
VESA Standard Mount Interface	
600 x 400	

FEATURE - HARDWARE

Internal Memory (eMMC)	Wi-Fi/BT (Built-in)
16GB	Yes
Temperature Sensor	Auto Brightness Sensor
Yes	Yes(IR)
Acceleration(Gyro) Sensor	Local Key Operation
Yes	Yes

FEATURE - SOFTWARE

OS Ver. (webOS)	Local Contents Scheduling
webOS6.0	Yes
Group Manager	USB Plug & Play
Yes	Yes
Fail over	Booting Logo Image
Yes	Yes
No Signal Image	RS232C Sync
Yes	Yes
Local Network Sync	PIP
Yes	Yes
PBP	Screen Share
Yes (4)	Yes
Video Tag	Play via URL
Yes (4)	Yes
Screen Rotation	External Input Rotation
Yes	Yes
Gapless Playback	Tile Mode Setting
Yes	Yes (Max. 15x15)
Setting Data Cloning	SNMP
Yes	Yes
ISM Method	Auto Set ID
Yes	Yes
Status Mailing	Control Manager

Yes	Yes
Crestron Connected	Smart Energy Saving
Yes	Yes
PM mode	Wake on LAN
Yes	Yes
Network Ready	Beacon
Yes	Yes
HDMI-CEC	SI Server Setting
Yes	Yes
webRTC	Pro:Idiom
Yes	Yes

ENVIRONMENT CONDITIONS

Operation Temperature	Operation Humidity
0°C to 40°C	10 % to 80 %

POWER CONSUMPTION

BTU (British Thermal Unit)	Smart Energy Saving (70%)
699 BTU/Hr(Typ.), 1013 BTU/Hr(Max)	144W
DPM	Power off
0.5W	0.5W
Max.	Typ.
297W	205W

SOUND

Speaker (Built-in)
Yes (10W X 2)

CERTIFICATION

Safety	EMC
CB / NRTL	FCC Class "B" / CE / KC
ERP / Energy Star	ePEAT(US only)
N/A / Yes	Yes / Carbon "Reducing CO2"

SOFTWARE COMPATIBILITY

SuperSign CMS	SuperSign Control+
Yes	Yes
SuperSign WB	SuperSign Cloud
Yes	Yes
Mobile CMS	Connected Care
Yes	Yes

LANGUAGE

OSD

English, French, German, Spanish, Italian, Korean ,
Chinese(Simplified), Chinese(Original),
Portugues(Brazil), Swedish, Finnish, Norwegian, Danish,
Russian, Japanese, Portugues(Europe), Dutch, Czech,
Greek, Türkçe, Arabic

ACCESSORY

Basic	Optional
Remote Controller(include battery 2ea), Power Cord, QSG, Regulation Book, Phone to RS232C Gender, Cable Holder(6EA), Cable Holder(7Pin/1EA)	Wall Mount (LSW640A/B)

SPECIAL FEATURE

IP Rating	Conformal Coating (Power Board)
IP5X	Yes