

Interactive TouchScreen Display

Unified Collaboration System (on-board computer included) Two 1080p wide angle cameras 55" diagonal active screen size 16:9 display ratio 2M pixels camera Use the Unified Collaboration (UC) software of your choice and collaborate with anyone, anywhere A microphone array with echo cancellation and noise reduction provides sound that is always robust and clear Four different inputs, including an on-board Android system touch screen



Model: LCHW5500WB

Simply smarter collaboration

Use the Unified Collaboration (UC) software of your choice and collaborate with anyone, anywhere. Experience meetings on a display that allows for the whole team to interact without limitations by sharing not only voice and video, but also data and annotations from the meeting. From taking notes to sharing ideas, your company is always one button away from collaboration like you've never experienced before.



The most attractive, capable display in the world

The LCHW Series is the only UC system to feature iTechLCD's TRUFlat technology for a sleek, impressive look that combines advanced technology with elegance. The powerful on-board computer means all of your files, folders, and information are always just a button push away.

SPECIFICATION

SPECIFICATION	
DISPLAY	
Backlight	LED
Display Area	47.62 x 26.79 in
Active Screen Size	55 in
Display Ratio	16:9
Resolution	1920x1080 pixels
Display Colors	8 bit
Brightness	370nits
Contrast	4000:1
Response Time	6ms
Viewing Angle	178°
Life Time	30,000hr
SPEAKER	
Speaker Position	Forward
Rated Impedance	8
Frequency Response	90Hz(±20%)-18kHz
Output S.P.L	82±3dB
Max. Power Output	30W
MICROPHONE	
Sensitivity	-28dB±3dB
Frequency Response	100Hz-7.75KHz
Polar Patterns	Omnidirectional
Tctal Harmonic Distortion (THD)	<1% at 6dB SPL
Pickup Range	26.2 ft
Quantity	4

CAMERAS	
Position	Top x 1 & Bottom x 1
Sensor	2M Pixels
Lens	86°
Video Resolution	1920x1080@30 fps(Max)
Frame Rate	30fps/60fps
POWER	
Power Consumption	Maximum <180W Standby Mode<0.5 W
Working Voltage	AC 100-240 V, 50/60 Hz
TOUCH	
Touch Surface	Tempered glass
Transparency	>89%
Haze	<0%
Surface Hardness	>H8
Touch Technology	TRUFLAT Technology
HID support	HID
Touch Points	10 Points in Windows & 5 Points in Android
Writing Tools	Pen or Finger
Touch Resolution	63488 x 35840 mm
Scan Speed	120Hz
Positioning Accuracy	1mm
Communication Interface	USB-A
TRANSPORTATION STORAGE	
Storage Temperature/Humidity	14°F-122°F/10%~90%RH
Working Temperature/Humidity	32°F-104°F/10%~90%RH
Mounting Options	Wall-mounted / Floor Stand



Position	52 x 35 x 3 in
Display Outer Dimension	58 x 39 x 10 in
Packaged Dimension	86°
Net Weight	79.4 lbs
Gross Weight	99.2lbs
INPUT/OUTPUT PORTS	
Front Interface inputs	Microphone(3.5mm x 1, HDMI x 1, USB(Touch) x 1, USB(OPS) x 1, USB(Android) x 1
AV Inputs	HDMI (MHL*) x 1, VGA x 1, USB(Touch) x 2, Audio x 1
AV Outputs	3.5mm Line out x 1, HDMI x 1 (only video)
Other	USB2.0 x 2, RS232 x 1, RJ45 x 1, USB3.0 x 1, SD Reader, OPS Slot
SPECIAL FEATURES	
Intelligent Light Detector	Yes
ANDROID SYSTEM	
Chipset	ARM Cortex A9 Quad Core 1.5GHz
RAM	4GB
Flash	8GB
Android Version	4.3
Multimedia File Format Supported	Image: JPEG, BMP, PNG Video: MPEG1, MPEG2, MPEG4, H.264, H.265, RM, RMVB, MOV, MPEG, VCI, DivX, FLV (Support 1080P, 4k HD Decoding) Audio: MP3, M4A (AAC)
ANDROID SOFTWARE	
Input Resource Preview	Yes
On Screen Annotation	Yes
Interactive Whiteboard Function	Yes
OPS(On-Board)PC	
CPU	i5-4210M/i7-4610M
GPU	Intel HD Graphics 4600
RAM	8GB DDR3 1600MHz
Hard Disk	128 G SATA3 SSD
USB2.0	4
USB3.0	2
LAN	1
HDMI	1
Microphone in	1
Line Out	1
SPDIF Out	1
Built -in Wifi	802.11b/g/n
OS	Win 8.1 x64 (other OS optional)