LU55-ST400
55" UHD Interactive Intelligent Whiteboard

· 55" ultra-HD display
· Metal housing, 4mm AG anti-glare tempered glass, and ultra-thin and ultra-narrow appearance
· Built-in smart core and operating system, Android and Windows system as standby for each other
· Detachable type design, PC module and display are separated
· IR (Infrared Ray) touch technology, supports 10 points writing and 20 points touch.
· Wireless screen sharing, convenient to presentation
· Rich interface, plug-and-play

| Multitouch | Metal housing | 4K | 178 | Dual | 24h* 7 |

System Overview

Enjoy rich functionality and interactive touch for education or business applications with our ultra-thin and ultra-narrow interactive intelligent whiteboard. LU55-ST400 is a new generation of interactive touch all-in-one devices, which is composed of LED panel, PC, and whiteboard software. This new 55" ultra-HD panel provides a vivid, sharp image with superior touch, delivering an immersive and efficient working environment.

Functions

Excellent image quality and wide viewing angle
Benefiting from a UHD panel, the new electronic whiteboard presents a sharper, more vivid and lifelike image than previous products. With a large 55" screen and 178°/178° wide viewing angle, it brings teams together on a big screen, and enables your teams to view content from various angles.

Accurate wireless screen sharing
Thanks to unique wireless screen sharing technology, LU55-ST400 achieves wireless presentation and interaction on PC, smartphones, and tablets. Up to eight content sources can be connected and four can be displayed in various layouts simultaneously. This enables users to share content from different sources at same time.

Smooth writing, perfect touch
With outstanding touch sense, the LU55-ST400 recognize up to 20 different touch-points and 10 writing points simultaneously. This high sensitivity touch experience makes the writing and drawing smooth and without ghosting. In addition, users can write in various sizes.

Ultra-strong dual Android and Windows system
Embedded with a powerful Android system, LU55-ST400 provides performance for education and meeting system applications with support for installing third-party apps. The detachable PC module supports rich extensibility. Users can configure the device according to their business requirements and it only takes one-touch to switch systems.

Abundant interfaces, plug-and-play
With its abundant interfaces, LU55-ST400 can detect various input/output signals and easily present them on the display. Users can play various multimedia audio/video format files and office documents from different sources.

Built for remote teamwork
Compatible with various video conferencing hardware and software endpoints, LU55-ST400 brings your teams together regardless of time and space.

Easy to deploy
Thanks to custom-designed frame with wheels and single cable setup, users can easily deploy and move the LU55-ST400 around the office.

Interactive LCD Display | LU55-ST400

Technical Specifications

Display Specifications

Model	LU55-ST400
Panel size	55''LED
Display ratio	16:9
Maximum resolution	3840×2160
Refreshing frequency	60Hz
Display color	1.07B(10bit)
Brightness with glass (nits)	350cd/㎡
Contrast	1200:1
Viewing angle	178°/178°
Backlight	LED
Life time	30000 hours
Audio	Built-in speaker

Touch Performance

Sensing type	Infrared recognition
System	Windows10/Windows8/Windows7/Windows/XP/Vista/Linux/Mac/Android/Wince/Chrome
Touch point	10 points writing and 20 points touch
Writing mode	Finger, touch pen, nontransparent object
Writing response	Single-touch ≥Φ6mm and multi-touch ≥Φ8mm
Response time	<15ms
Positioning accuracy	±2mm
Communication mode	USB
Surface hardness	Toughened glass with level 7 of mohs standard

Interface

Input	1 x HDMI2.0, 2 x HDMI1.4, 1 x DP, 1 x VGA, 1 x AV, 1 x Audio
Output	1 xHDMI, 1 x Audio, 1 x Coax, 2 x Touch
Control	1 x RS232
Network interfaces	1 x RJ45 10/100/1000M self-adaptive network port
Storage control	4 x USB2.0, 2 x USB3.0

Android System

System version	Android 5.1
CPU	ARM Cortex A53 Dual Core CPU
GPU	Quad Core Mali 450MP
RAM	2G
ROM	16G

Power

Power supply	AC100~240V, 50/60Hz
Power consumption	≤250W(typical), ≤0.5W(standby)

Environment

Operating conditions	0°C ~ +40°C / 10%~90% RH* Start up should be done at above 0°C
Storage conditions	-20°C ~ +60°C / 10%~90% RH

Others

Dimensions	1302.0mm × 791.0mm × 98.0mm
Net weight	32kg
Gross weight	40kg
VESA	400*400mm
Installation mode	Wall-mounted, moveable bracket(optional)
Accessory	Power cable, VGA cable, USB cable, audio cable, remote control, touch pen, wall-mounted bracket

Ordering Information

Type	Part Number	Description
E-whiteboard	LU55-ST400	55'' UHD Interactive Intelligent Whiteboard

Dimensions(mm)