

Predia Touch Flow

A Catalyst for Interaction



Our best picture yet

The Predia Touch Flow outperforms earlier PCAP displays in terms of resolution and color accuracy, offering 4K resolution and greater color accuracy. DC dimming allows for flicker-free photography, while optical bonding enhances contrast ratio. True-to-life images are now within reach.



Enhanced clarity

4K resolution



High color calibration

Delta E < 1.5



Flicker-free

DC dimming



Improved contrast ratio

Optical bonding



Ultra-narrow bezel

Bezel width: 2mm (left, right)



predia

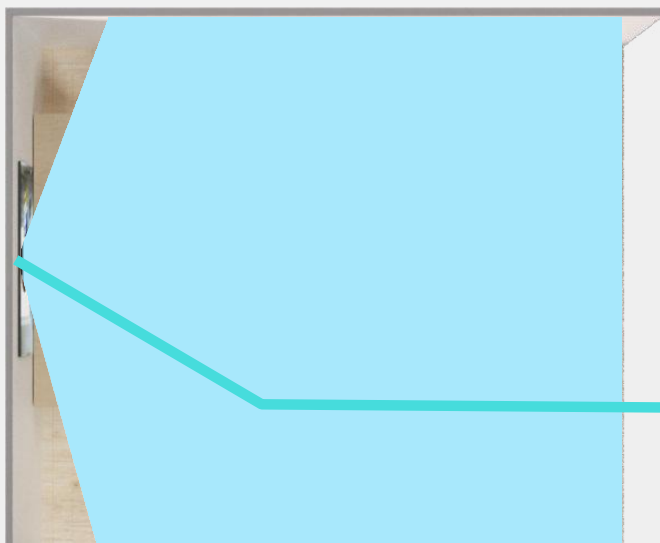
AN EXCEPTIONAL AUDIO EXPERIENCE

The build-in speaker and microphone are positioned optimally to deliver sound directly to participants and to capture sound more clearly, resulting in an immersive collaboration and teaching experience.



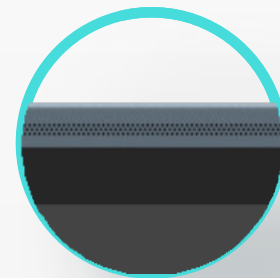
Immersive sound

An immersive collaboration and teaching experience



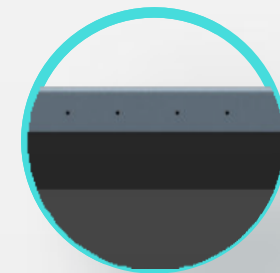
Full-room voice pickup

Enhances engagement and captures sound more clearly



Top-bezel built-in speakers

2.2 sound channel | 52 W speaker



8-array microphone

8 m pickup distance



Omni-sense intelligent sensors

Built-in intelligent sensors enable auto brightness and color temperature adjustment and provide information on environmental conditions, such as room CO2 levels, temperature, and humidity. The built-in NFC offers a more secure and convenient user login experience.



Brightness



Color temperature



Temperature



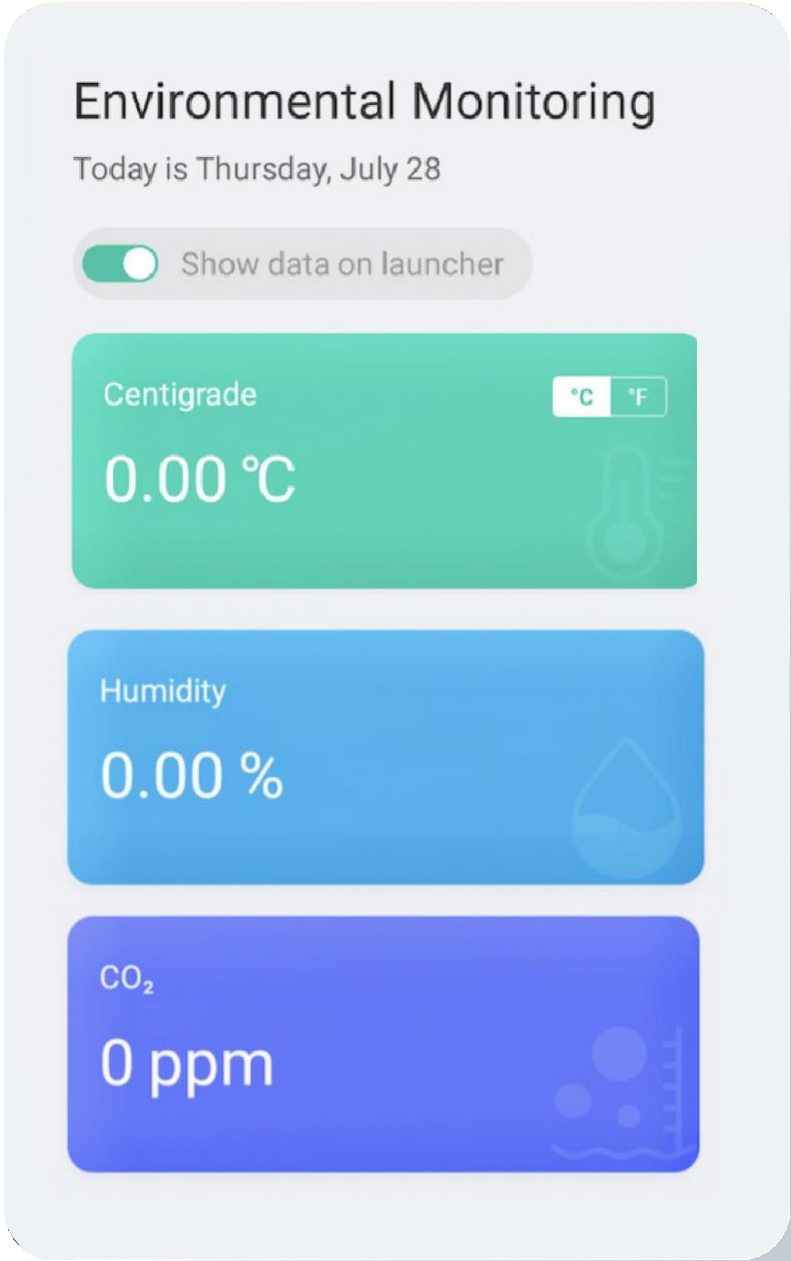
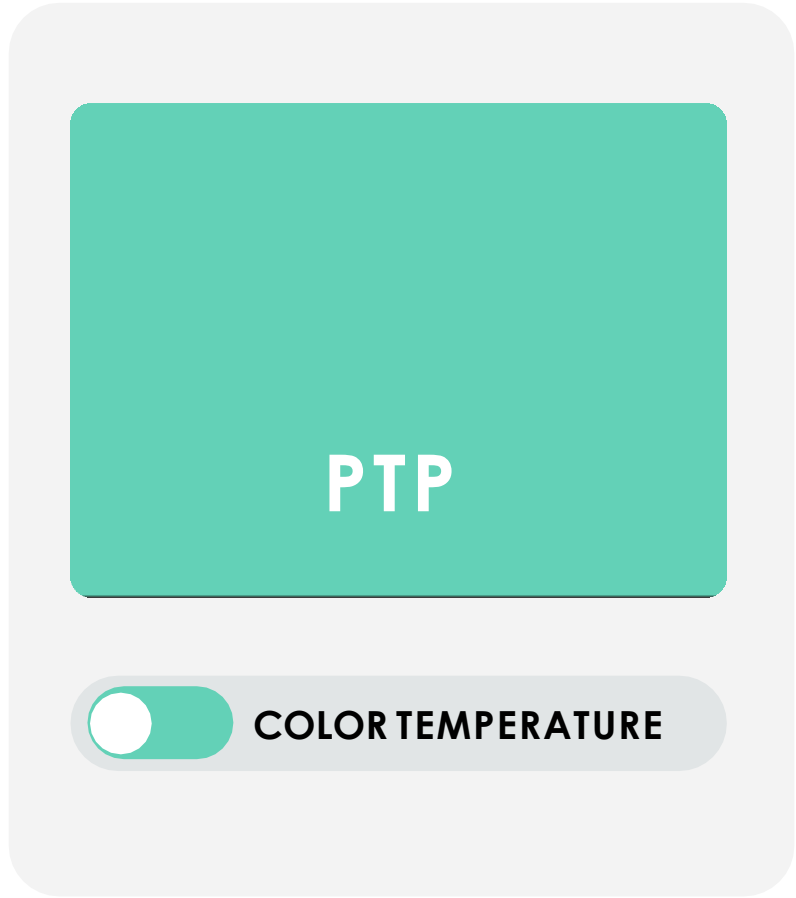
Humidity



CO2



NFC



High-performance engine

The 8-core CPU outperforms past PCAP generations' quadcore CPUs, providing smooth and stable operation and enabling robust data processing.



Android 110



8-core CPU

Easier network connection

Dual LAN ports enable convenient wired internet access for the panel and PC users. Simply connect the TB Series to the router, and the built-in PC module can access the wired network.



Dual LAN ports



Shared wired network



WIFI 6



✓ built-in PC wired network



✓ external PC wired network

Simpler switching

Easily access USB data from the Predia Flow Series and external PCs via the USB 3.0 auto switch. When the system is changed from its native Android to Windows, the USB channel switches automatically, enabling the Windows system to read shared USB data.



USB 3.0 auto switch between
Windows and Android



Multifunctional type-c

Powerful USB-C supports zero-latency 4K@60 Hz audio and video transmission, and supports up to 65 W charging for external devices. Type C also allows laptop users to access the built-in microphone and the externally installed camera, wired internet, and USB data.



Video



Audio



Charging, 65W



Network



Camera



Microphone



Laptop control



Hygienic—prevents fingerprints on the screen ✓

 Fingerprint-proof

 Palm rejection



Supports multi-user collaboration users

 40-point touch

Improved pressure sensitivity for more fluent writing

 4096 pressure sensitivity

 Durable passive capacitive pen

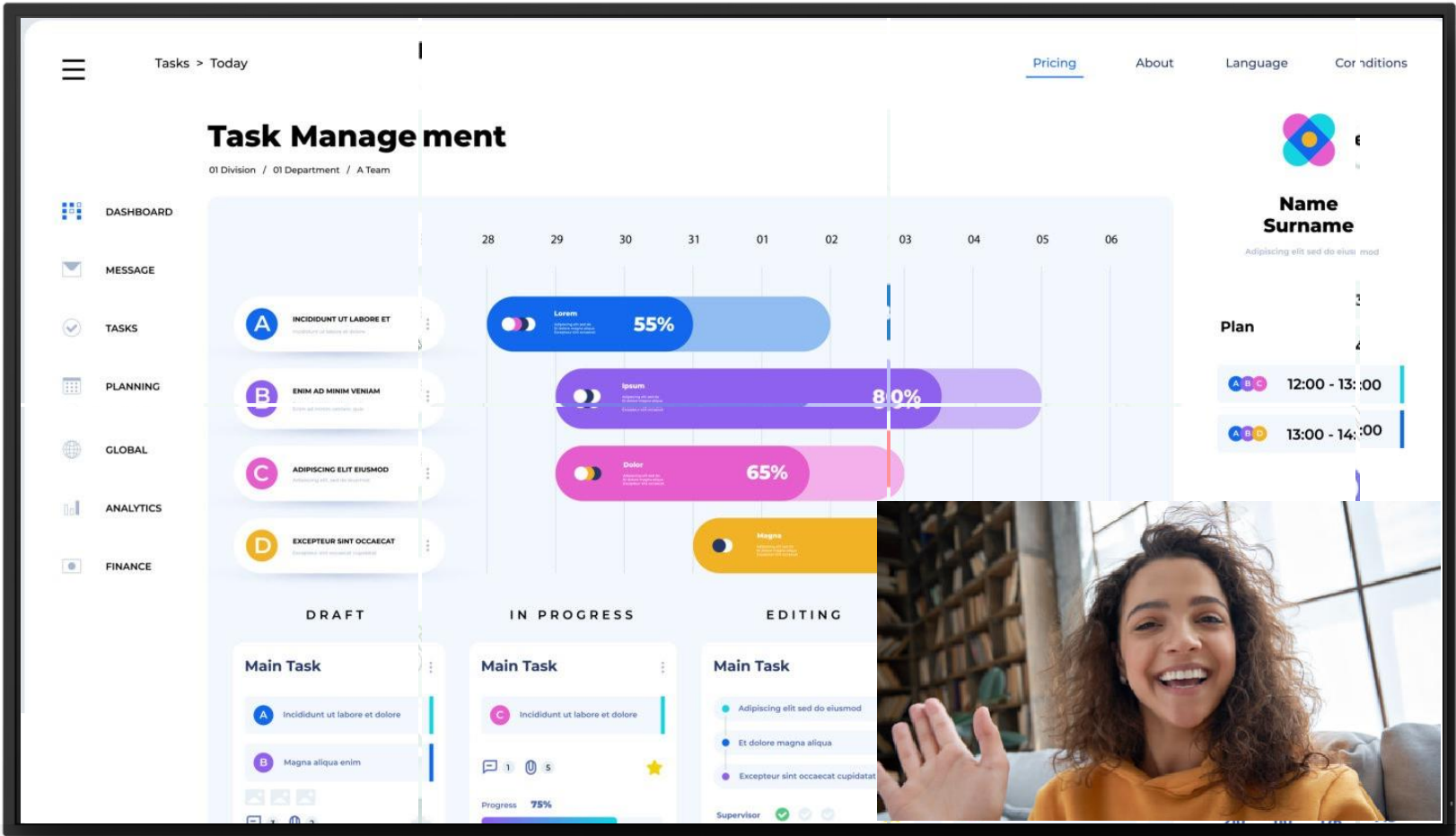
EXTEND YOUR VISION WITH A TOUCH

Enhance the user experience with more fluent writing and easier collaboration among multiple users.

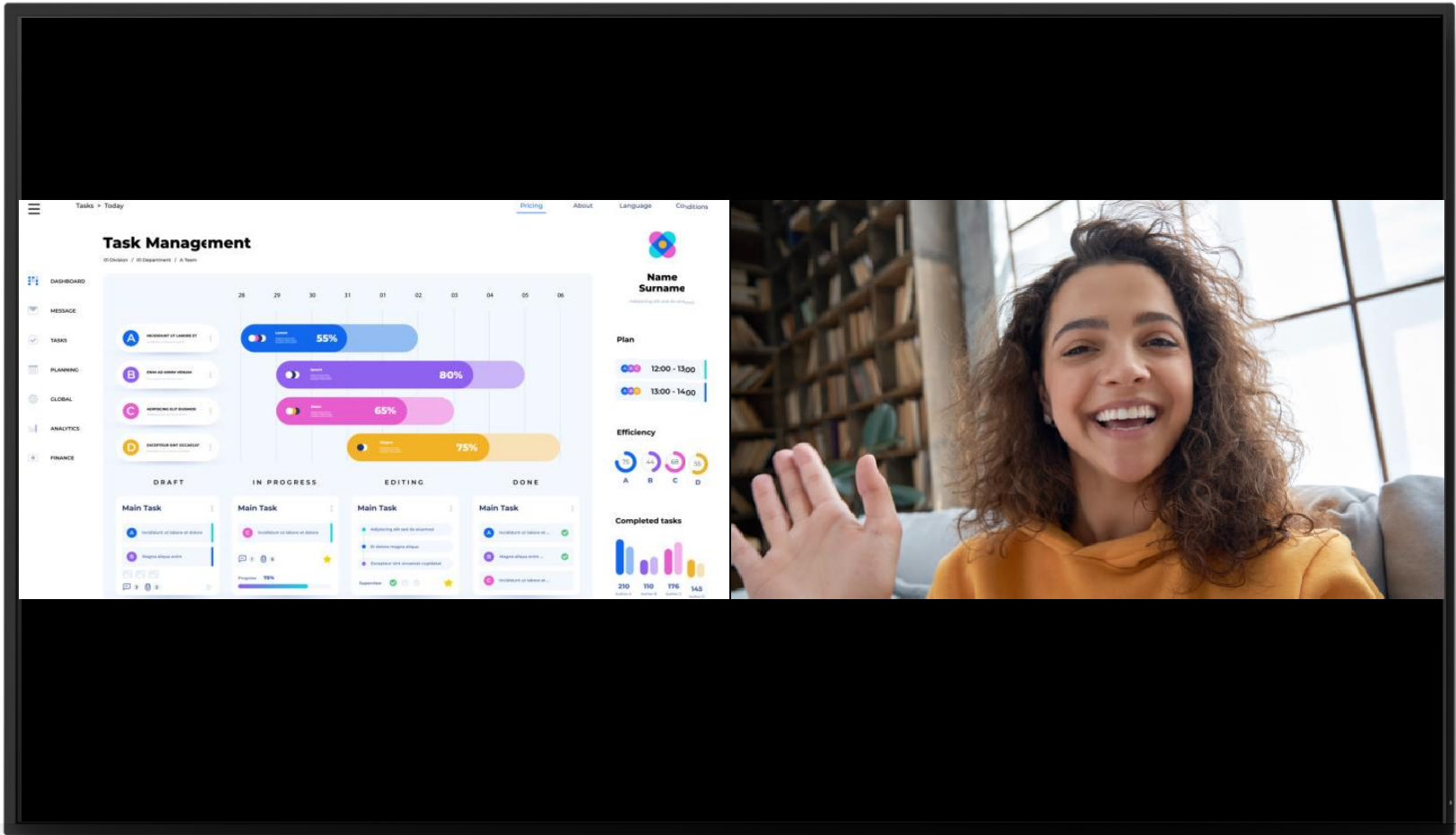
*4096 pressure sensitivity and palm rejection achieved with active pens.

Multi-screen display

PIP and PBP provide a flexible and efficient solution for image display.



 PIP (Picture-in-Picture)



 PBP (Picture-by-Picture)

*Bytello OS supports PIP and PBP

Specification



Display

Model	OTS-PCAP65V3T1	OTS-PCAP75V3T1	OTS-PCAP86V3T1
Size	65-inch	75-inch	86-inch
Panel Type	VA	VA	VA
Response Time	6.5 ms	8.5 ms	8 ms
Aspect Ratio	16:9	16:9	16:9
Display Area	1428.48(H)×803.52(V)mm	1650.24(H)×928.26(V)mm	1895.04(H)×1065.96(V)mm
Pixel Pitch	0.372×0.372 mm	0.42975×0.42975 mm	0.4935×0.4935 mm
Resolution	3840(H)×2160(V)	3840(H)×2160(V)	3840(H)×2160(V)
Refreshing Frequency	60 Hz	60 Hz	60 Hz
Display Color	1.07B(10-bit)	1.07B(10-bit)	1.07B(10-bit)
NTSC	72%	72%	72%
Contrast Ratio	5000:1	5000:1	4000:1
Viewing Angle	178°(H/V)	178°(H/V)	178°(H/V)
Back Light Unit	DLED	DLED	DLED
Brightness (min)	350 cd/m²	350 cd/m²	350 cd/m²
Brightness (typ)	400 cd/m²	400 cd/m²	400 cd/m²
Lifetime	≥30000 Hours	≥30000 Hours	≥30000 Hours

Power

Power Requirements	100-240V~50/60Hz 4.0 A	100-240V~50/60Hz 4.5 A	100-240V~50/60Hz 5.0 A
Typical Power*[1]	175 W	280 W	330 W
Max Power*[2](W/OPS)	365 W	450 W	500 W
Standby Power	≤0.5 W	≤0.5 W	≤0.5 W

Audio

Sound Channel	2.2	2.2	2.2
Speaker	2×8 W+2×18 W	2×8 W+2×18 W	2×8 W+2×18 W
Sound pressure level	87 dB	86 dB	86 dB
Peak power	108 W	108 W	108 W

Operating System

System Version	Android 11.0	Android 11.0	Android 11.0
RAM	8G	8G	8G
ROM	64G	64G	64G
CPU	A53×4+A73×4	A53×4+A73×4	A53×4+A73×4
GPU	Mali-G52MP8	Mali-G52MP8	Mali-G52MP8

I/O Port

HDMI IN	3 Up to 4K@60 Hz, HDCP 2.1, CEC,ARC (HDMI 1)	3 up to 4K@60 Hz, HDCP 2.1, CEC.ARC (HDMI 1)	3 up to 4K@60 Hz, HDCP 2.1, CEC.ARC (HDMI 1)
HDMI OUT	1 Up to 4K@60 Hz	1 up to 4K@60 Hz	1 up to 4K@60 Hz
USB 2.0	3 Side x 2, Rear x 1 Rear x 1 For system upgrades Side x 2 USB 2.0 can auto switch to current channel	3 Side x 2, Rear x 1 Rear x 1 For system upgrades Side x 2 USB 2.0 can auto switch to current channel	3 Side x 2, Rear x 1 Rear x 1 For system upgrades Side x 2 USB 2.0 can auto switch to current channel
USB 3.0	2 Rear x 2 All USB 3.0 can auto switch to current channel	2 Rear x 2 All USB 3.0 can auto switch to current channel	2 Rear x 2 All USB 3.0 can auto switch to current channel
USB Type-C IN	1 Video, Audio, Touch, PD 65 W, LAN Network Sharing	1 video. Audio, Touch, PD 65 W, LAN Network Sharing	1 video. Audio, Touch, PD 65 W.LAN Network Sharing
TOUCH 2.0	2 2.0	2 2.0	2 2.0
AUDIO OUT	1 3.5 mm phone jack	1 3.5 mm phone jack	1 3.5 mm phone jack
SPDIF	1 PCM output format	1 PCM output format	1 PCM output format
RS232	1 Baud rate 9600	1 Baud rate 9600	1 Baud rate 9600
RJ45 IN	1 10M/100M/1000 Mbps	1 10M/100M/1000 Mbps	1 10M/100M/1000 Mbps
RJ45 OUT	1 10M/100M/1000 Mbps	1 10M/100M/1000 Mbps	1 10M/100M/1000 Mbps

Specification



Touch System				
Model	OTS-PCAP65V3T1		OTS-PCAP75V3T1	
Sensing Type	Capacitance touch recognition		Capacitance touch recognition	
Touch Tool	Passive capacitive pen, Active capacitive pen, Finger		Passive capacitive pen, Active capacitive pen, Finger	
Accuracy(Active pen)	±1 mm		±1 mm	
Accuracy(Passive pen)	±2 mm		±2 mm	
Minimum object size(Active pen)	3 mm		3 mm	
Minimum object size(Passive pen)	8 mm		8 mm	
Touch Point	40-points touch		40-points touch	
Hand & Pen Separation	Supported		Supported	
Palm Rejection	Supported		Supported	
Pressure	4096 level		4096 level	

Accessories				Environmental Conditions			
Power Cord	×1	×1	×1	Operation Temperature	0 °C -40 °C	0 °C -40 °C	0 °C -40 °C
HDMI Cable	×1	×1	×1	Operation Humidity	10%~90%RH	10%~90%RH	10%~90%RH
USB Touch Cable (Type A-B)	×1	×1	×1	Storage Temperature	-20 °C~60 °C	-20 °C~60 °C	-20 °C~60 °C
Remote Control	×1	×1	×1	Storage Humidity	10%~90%RH	10%~90%RH	10%~90%RH
Writing Pen	×1	×1	×1	Altitude	Below 5000 meters	Below 5000 meters	Below 5000 meters

Physical Specifications							
Dimension L×H×D	1490×897×79 mm	1711×1022×79 mm	1958×1161×79 mm				
Dimension (package) L×W×H	1612×220×1025 mm	1900×280×1140 mm	2123×280×1308 mm				
Device thickness and wall mount	109 mm (WIB9060G)	109 mm (wIB9060G)	109mm(WIB9060G)				
Wall-hanging screw spec	M8×25 mm	M8×25 mm	M8×25 mm				
VESA	600×400 mm	800×400 mm	800×600 mm				
Net weight	36.80 kg	49.5 kg	62.35 kg				
Gross weight	47.65 kg	66.65 kg	83.85 kg				
				Microphone			
				Quantity	8	8	8
				Pickup distance	0~8 m	0~8 m	0~8 m