metroclick ™

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All-In-One
Interactive Whiteboard

Available in the following sizes: 55", 65", 75" 86", 100"
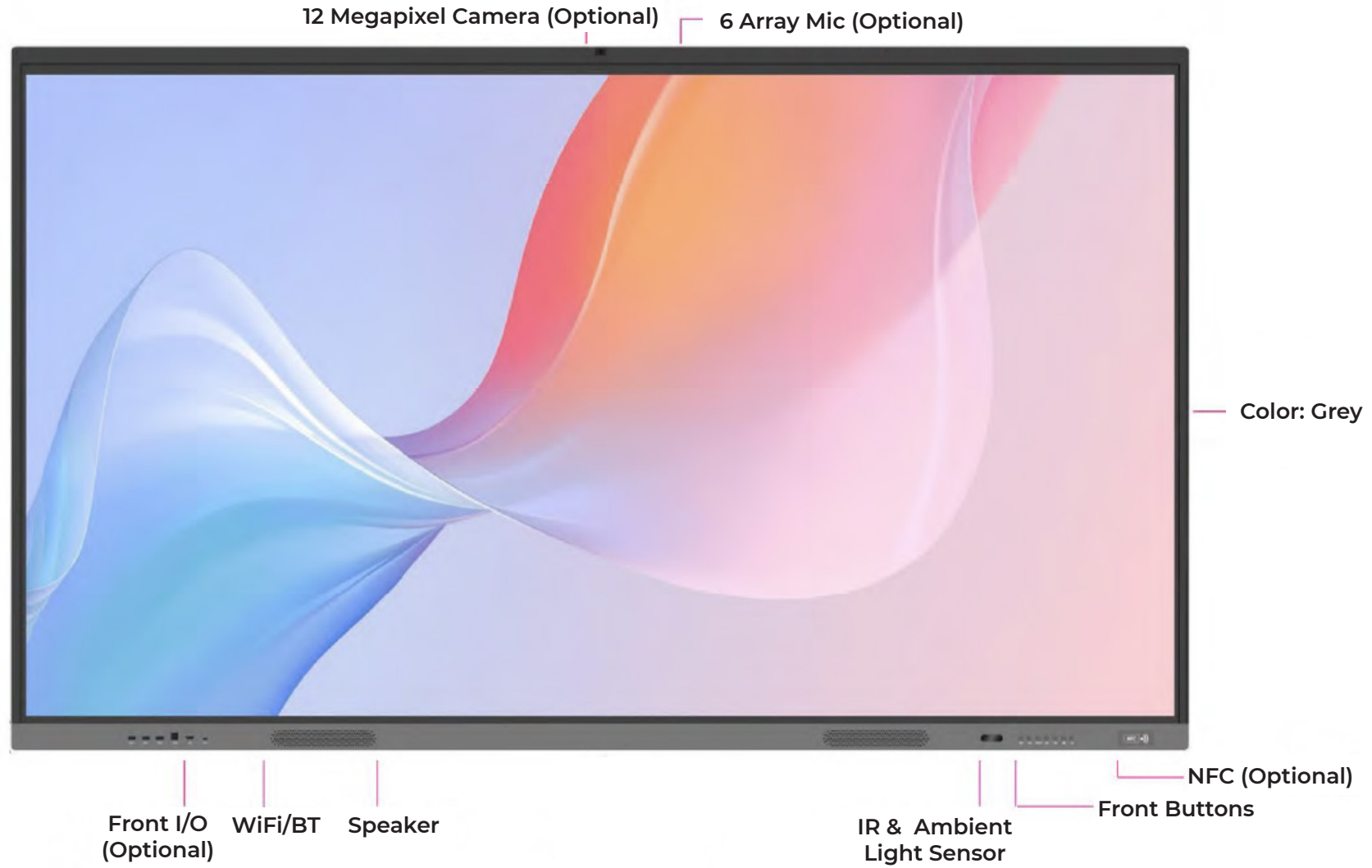
Features

- **20 Point Touch Functionality -** Infrared Touch recognition can be used with a finger, included pen or other optional accessories

- **Simple & Easy Installation** - Standard VESA Mounting Pattern for mounting on a stand or wall mounting

- **High Resolution** - 4K Resolution with Wide Color Gamut, up to 1.07B Colors

- **Easy Video Conferencing** - Optional 12 Megapixel Camera and 6 Microphone Array make video calls and remote work easy

- **Powerful Android 11** - Amlogic A311D Embedded Mainboard with 4Gb RAM, 32GB SSD and Dual Wifi 6 Antennas

Features

- **Tough Rugged Designs** -Optically Bonded 3.2mm cover glass with Industrial LED Backlight Tested for 100k Hour Life

- **Versatile IO** - Dual HDMI Inputs, Display Port, USB-C and VGA make it easy to connect any existing device or accessory

- **Built for 24/7 Operation** - LED backlight tested to last more than 100k hours of non-stop operation

- **High Quality Optical Bonding** -Provides the sharpest most vivid display image in the industry

- **Slim & Lightweight Design** - Simple, sleek, and light frame designs are easy to mount anywhere

- **Fully Customizable for any Installations** - Case, connectors, peripherals etc.

metroclick™

86" Interactive Digital Whiteboard

Product name
Article code FT86OBHB02
86" Interactive Digital Whiteboard (4K)
IP Rating IP40

LCD Panel
Screen diagonal (Inch/cm) 86/218.44
Display active screen size (cm) 189.50×106.59
Aspect ratio 16:9
Display orientation Horizontal
Physical resolution 3840×2160
Maximum showable resolution 3840×2160
Colours displayed 10-bit(D), 1.07B
Brightness (cd/m2) 450
Contrast 1200 :1
Typical reaction time Tr/ Tf (ms) 8/8
Visual angle horizontal/vertical (°) 178/178
Backlight / backlight lifetime (hours) D-LED / min. 30,000
Light type Low-blue light

Operation / Mechanical
Storage Temperature (°C) -20 ~ +60
Humidity Range (RH) 20% - 90%
Net weight (kg) 64.00
Gross weight (kg) 75.00 (incl. cartonage)
Housing (mm) L × W × H 1963.5 × 1182.5 × 123.4
Mounting VESA 600 × 600
Operating Temperature (°C) 0 ~ +50
Package (mm) L × W × H 2044.0 × 1283.0 × 174.0
Housing material Aluminum
Installation Method (optional) Wall-mounted / Floor Stand

External Connectors
Front interface
1x HDMI-IN 2.0

2x USB 3.0 (public Type-A)
1x Type-C (60W+4K60+USB 2.0)
1x HDMI-OUT

Back interface
2x HDMI-IN
1x DP-IN
1x VGA-IN
1x Coax
2x USB 3.0
1x USB 2.0
2x USB Touch-OUT (3.0)
1x RS232
2x RJ45
1x PC Audio-IN
1x Line-OUT
1x Type-C (60W+4K60+USB 2.0)

PC System
CPU Amlogic A311D2 - 4× Cortex-A73 +
4× Cortex-A53 | 2.0/2.2GHz
Chipset A311D2
Graphic GPU Arm Mali-G52 MP8 | 800MHz
RAM / Memory 8GB
Storage 64GB eMMC
Network 10M/100M/1000M
Wireless module 2.4G+5G module
OS Android 11 (Android 13 available in June 2023)

Audio
Speaker position Bottom front
Speaker rated impedance 6Ω
Speaker freq. response F0 ~ 20 kHz ± 20%
Speaker max. power output 20W×2
Transmission range 5-8m

Touch Panel / Cover Glass
Touch sensor Infrared touch technology
Touch points 20-points touch
Touchscreen writing tools Finger, pen or other opaque objects
Touch resolution 32768×32768
Touch height 2-3mm
Touch response time (single-point) ≥8ms
Cursor speed 140 points/second
Positioning accuracy ± 1mm
Communication interface Dual USB
Cover glass thickness 3.2mm
Cover glass bonding Optical Bonding (in-house)
Touch surface hardness 7H
Surface treatment Anti-glare (chemical etching)
Glass strengthening Tempered
Transparency >88%
Haze 2~3%

Power
Working Power (V) AC 100-240V~50/60Hz
Power Consumption (W) ≤450
Stand-By Consumption (W) <0.5
Camera + Microphone
Camera Built-in 13 million pixels

Camera + Microphone
Camera Built-in 13 million pixels
Microphone 8-array microphonee

Included in the Delivery
Power Cable
HDMI Cable
USB-Touch Cable