



# BRIOTOUCH

**FROM LEARNING TO LEADING**  
**A COMPLETE SMART TECHNOLOGY SUITE BY BRIOTOUCH**



*Empowering classrooms, conference rooms, and public spaces with integrated hardware and software solutions designed for the future.*

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## BRIOTOUCH INTERACTIVE TECHNOLOGIES LIMITED

### GROWING SINCE 1991

BrioTouch, a pioneer in interactive technology, has revolutionized education in India since introducing Interactive Flat Panels (IFPs) in 2012. With over 75,000 installations across 10,000+ schools, BrioTouch offers cutting-edge solutions like Ultra HD 4K displays, Ultra-Fine Touch Technology, & integrated Android systems. Their IFPs feature anti-glare, anti-scratch toughened glass, dual-pen support, and advanced connectivity options including Wi-Fi 6 and Type-C ports. BrioTouch's comprehensive ecosystem includes digital podiums, video walls, and a robust Device Management System (DMS) for streamlined operations.

Committed to enhancing learning experiences,

BrioTouch provides tailored K-12 content, virtual labs, and blended learning tools, ensuring dynamic and engaging classrooms nationwide.

### *Technology That Serves the Nation*



GOVERNMENT



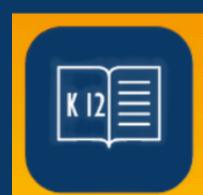
COLLEGES



CORPORATES



HOSPITALS



SCHOOLS



AIRPORTS



# GEM PRODUCT CATALOGUE



INTERACTIVE PANEL SOLUTION  
FOR INSTITUTIONS



PROFESSIONAL LARGE  
FORMAT DISPLAY



DATA WALL DISPLAY



DESKTOP COMPUTERS



DIGITAL TEACHING DEVICE



DIGITAL STANDEE



ELECTRONIC LECTERN



INTERACTIVE BOARDS



IFP FLOOR STAND



BRIO OPS



VISUAL PRESENTER



COMPUTER KIOSK



CAMERA

## OUR SOLUTIONS

Designed for modern learners and professionals – from 3D classrooms to virtual meetings

VIRTUAL REALITY (VR)  
CLASSROOM  
SET UP



MEDIA CONTROL SYSTEMS OR  
WIRELESS PRESENTATION  
SYSTEM



COLLABORATIVE INTERACTIVE  
DISPLAY AND REMOTE MEETING  
PLATFORM



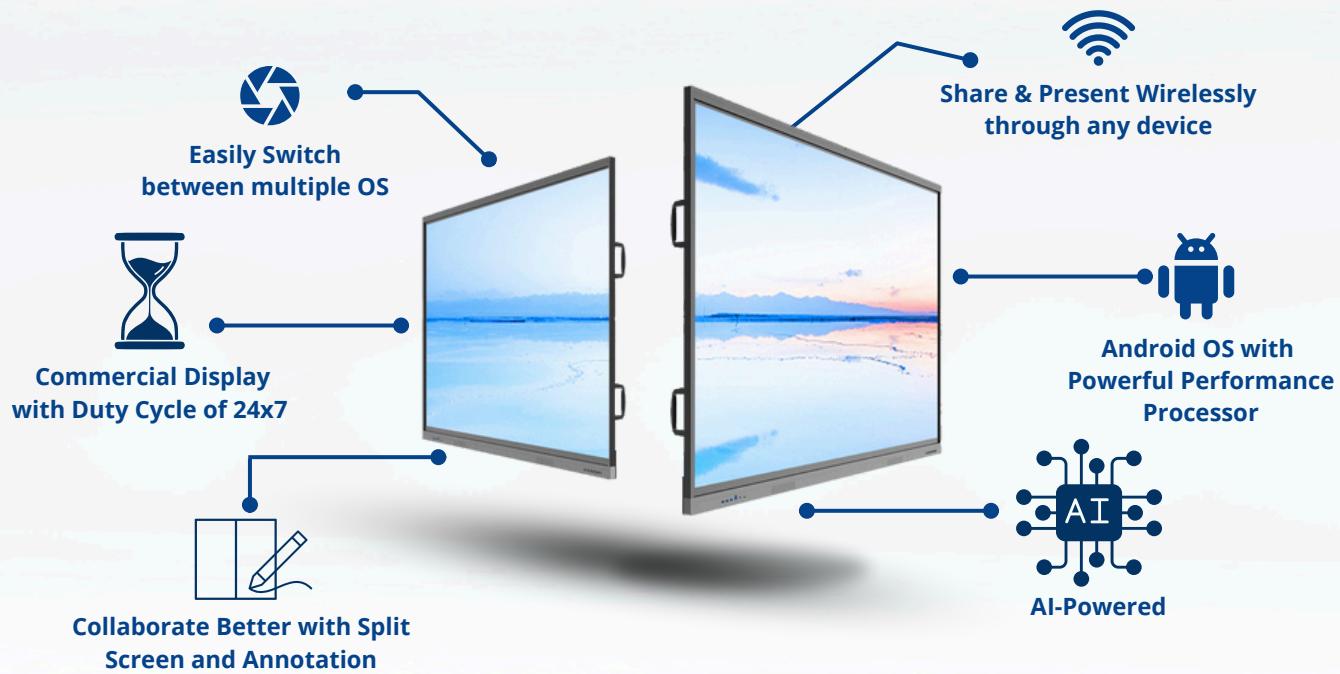
INTEGRATED BLENDED  
CLASSROOM  
SOLUTION



All images are only for representation purpose only. Actual product might differ due to change/upgrade in technology

## BRIOTOUCH INTERACTIVE FLAT PANEL

*The Smart Display That Simplifies Every Conference*



### Video Conferencing with Large Format Display

*Enables seamless wireless collaboration with an Octa-Core Processor and integrated Android 14.0 operating system*



### EDLA Certified Interactive Flat Panel

*Seamless login with Google Workspace accounts for both education and enterprise users.*

# BRIOTOUCH INTERACTIVE FLAT PANEL

## Product Specifications for Smarter Collaboration

| Panel   |  |
|---|--|
| Panel Type  | Commercial Grade Panel   |
| Visual Ratio  | 16:9   |
| Resolution  | 3840 (H) x 2160 (V)  |
| Pixel pitch   | 0.372(H)*0.372(V) mm   |
| Toughened Glass   | Anti-glare, 8 Mohs   |
| Frequency   | 60Hz   |
| Brightness  | 350 nits   |
| Display Colours   | 1.07B (10bit)  |
| Bonding Technology  | Zero Bonding   |
| Viewing Angle   | 178°(H/V)  |
| Light source  | DLED   |
| Audio   |  |
| Speaker   | 16W x2   |
| Touch   |  |
| Touch specifications  | Non-contact infrared sensing technology                              |
| Touch Points  | 20 Points Touch  |
| Input mode  | Opaque object (finger, pen, etc)                                     |
| Response time   | ≤4ms   |
| Touch Accuracy  | ±1mm   |
| Output coordinates  | 32767 (W) x32767(D)  |
| Android Module  |  |
| System Version  | Android 14.0   |
| GPU   | MaliG52  |
| RAM   | 8GB  |
| ROM   | 128GB  |
| Wireless Connectivity   |  |
| Bluetooth   | 5.0  |
| Wi-Fi   | Version 802.11ac/b/g/n/a/ac<br>Frequency 2.4GHz/5GHz                 |
| Input and Output Ports  |  |
| <b>Front Ports:</b> USB3.0 x2; Touch Out x1; HDMI in x1; USB-C x1   |  |
| <b>Rear Ports:</b> TF Card x1; USB 2.0 x2; HDMI In x1; Touch Out x1; LAN In x1; RS232x1; Line Out x1; Coax x1 |  |
| Power   |  |
| Voltage   | 100-240V~ 50/60Hz 4A   |
| Standby power consumption   | ≤0.5W  |
| Accessories   |  |
| Power cord x 1, Stylus x 2, Wall Mount Kit x 1, Remote Control x1   |  |
| OPS Module (Optional)   |  |
| CPU   | Intel Core i5 / i7   |
| RAM   | 8GB  |
| SSD   | 256GB  |
| Input & Output Ports  | USB Ports x5, HDMI x1, RJ-45 x1, Audio & Mic x1, Wi-Fi x1, Type C x1 |

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# INTELLINOTE

BRIO-AI POWERED LEARNING:  
CRAFTING TOMORROW'S LESSON TODAY



1000+  
Simulations



3000+  
Stem Videos



30000+  
3D Objects



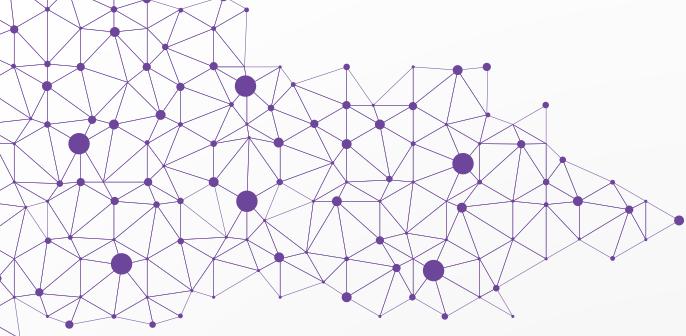
AI Equation  
Solver



195 Global  
Languages



AI Lesson  
Generator



## Unlock Creativity and Productivity with Brio AI: IntelliNote

Intellinote is not just a interactive whiteboard, it is a powerful platform driven by Brio AI technology. With Intellinote, you can transcend the limits of traditional collaboration and unlock new dimensions of creativity, engagement, and productivity.



Multi-User Collaboration



AI Enabled Tools

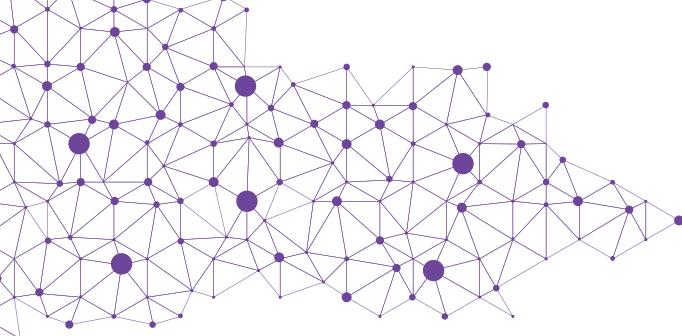


AI Pen

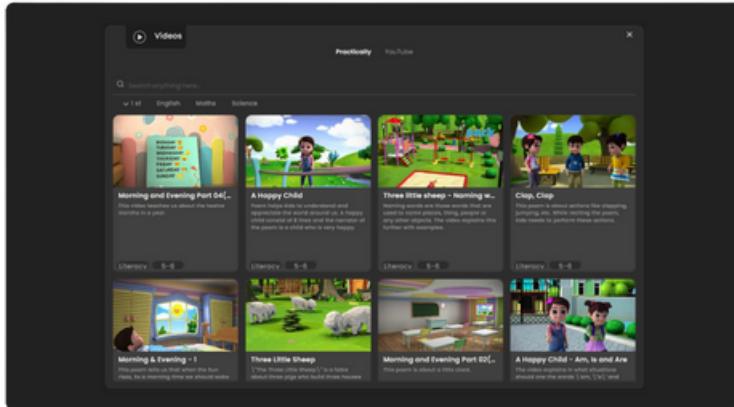


AI Lesson Generation

➤➤➤ Redefine Collaboration with Intelligence ➤➤➤



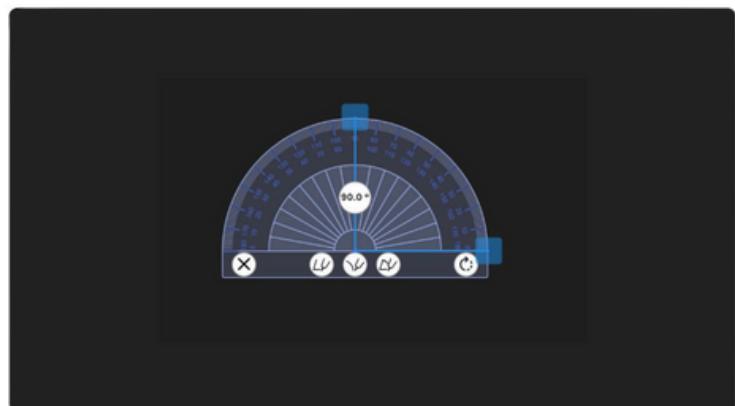
## Classroom Integration



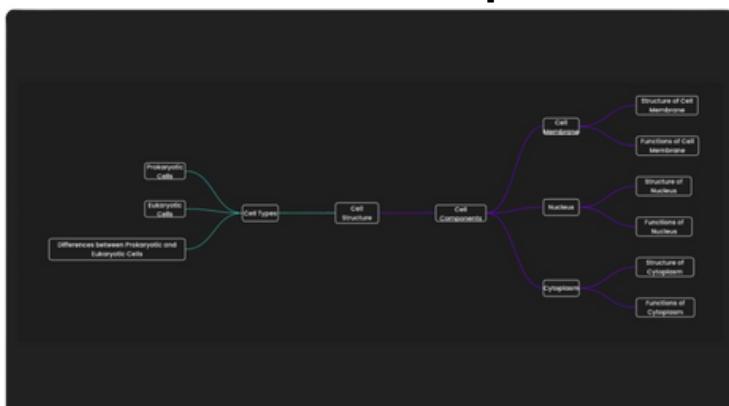
Import Google Classroom and Microsoft Teams classes for seamless Integration

From writing and math tools to engaging widgets, Brio AI offers everything you need for teaching and solving

## Interactive Tools

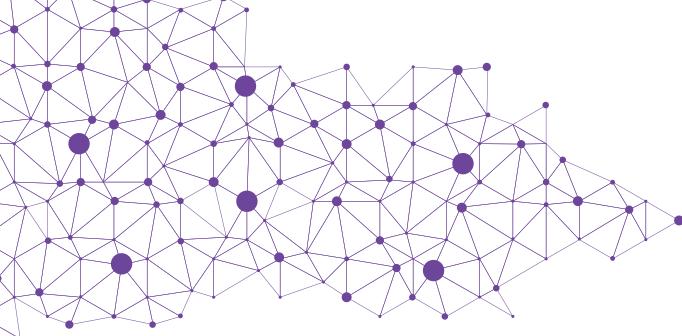


## AI-Powered Mindmaps



AI-powered conversion of complicated ideas into structured visuals

Most Advanced Platform for Whiteboarding and Interactive Collaboration



## AI Interpretations

**Cryptocurrency**  
Cryptocurrency is a digital or virtual form of currency that uses cryptography for security. It operates independently of a central authority, such as a government or bank. Cryptocurrencies are decentralized and typically use blockchain technology to record transactions. The most well-known cryptocurrency is Bitcoin, but there are thousands of other cryptocurrencies in existence, each with its own unique characteristics. Transactions in cryptocurrencies are verified by network nodes through cryptography and recorded in a public ledger called a blockchain. Cryptocurrencies offer benefits such as lower transaction fees, faster transactions, privacy, and decentralization. However, they also come with risks such as price volatility, regulatory uncertainty, and potential for misuse in illegal activities.

Instantly Generate descriptions, solutions and Q& A Grade-wise

## AI-Periodic Table & Shapes

**Hydrogen**  
Hydrogen is a colorless gas discovered by Henry Cavendish. Hydrogen is a chemical element with chemical symbol H and atomic number 1. With an atomic weight of 1.00794 u, hydrogen is the lightest element on the periodic table. Its monatomic form (H) is the most abundant chemical substance in the Universe, constituting roughly 75% of all baryonic mass.

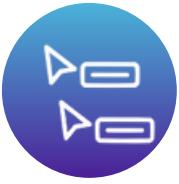
Drive Deeper Learning with Visual Content for best teaching experience

## UNLOCKING POSSIBILITIES WITH INTELLINOTE



### Generative AI personalizing productivity tools

State of the art Generative AI integrated into presentation tools and helper functions.



### Collaboration Mode

Enhance Teamwork with real-time collaboration.



### Breakout Rooms

Create Separate spaces for group Discussion.

Experience the future of collaboration

# Device Management Software (DMS)

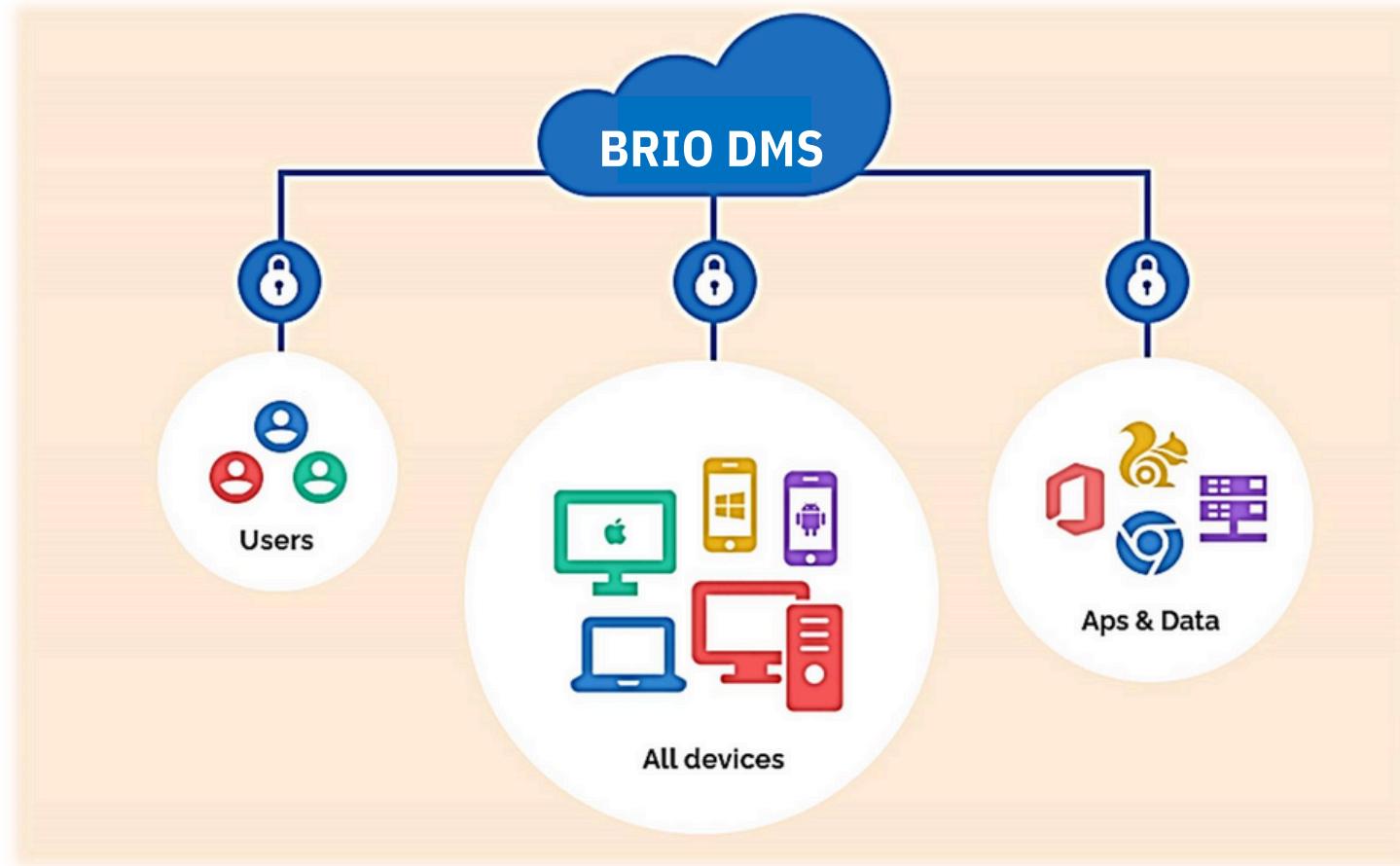


ALL-IN-ONE SOLUTION FOR COLLABORATION THAT IS IMMERSIVE, UNIFIED & EFFECTIVE.

## WHY DMS IS IMPORTANT



## How DMS Works



### Full Control Over Your Ecosystem from Anywhere & At Anytime



# Key Features

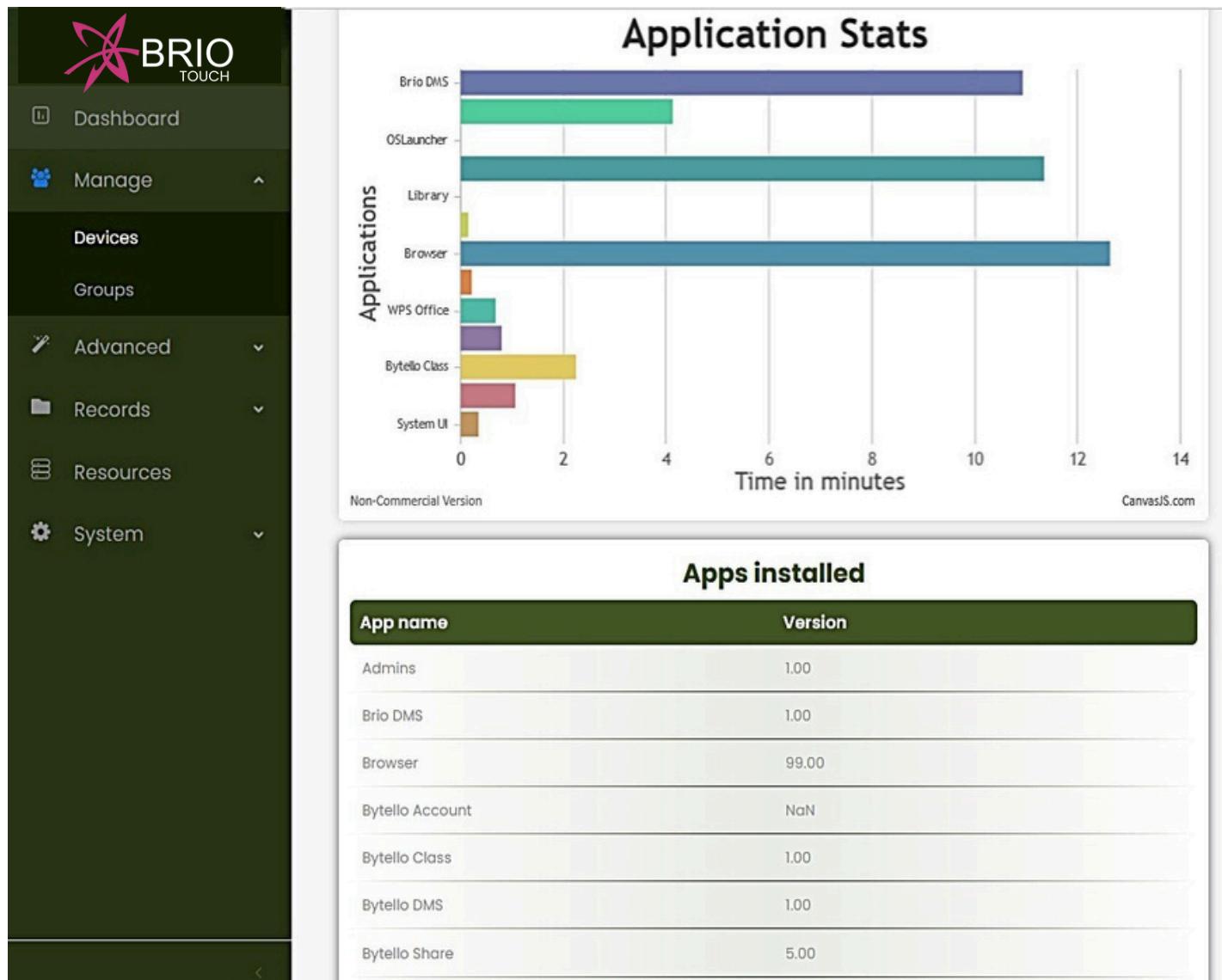
- Application Control
- Content Restriction
- Live Screen Preview
- Remote Shutdown and Restart
- Time and Time-zone Control
- Wake on LAN
- Live Location Tracking
- Factory Reset Protection
- App Deletion Protection
- Remote Video Streaming
- Government-Grade Security
- Super-Admin Dashboard
- Multi-Tenancy Platform
- Device Control
- Scheduled Alarms
- Broadcast Notifications
- Screen Lock
- Media Distribution
- App Management
- Usage Reports
- Device Policies
- URL Blocker

## DMS - Commands

Multiple Commands Available for Android & Windows Devices

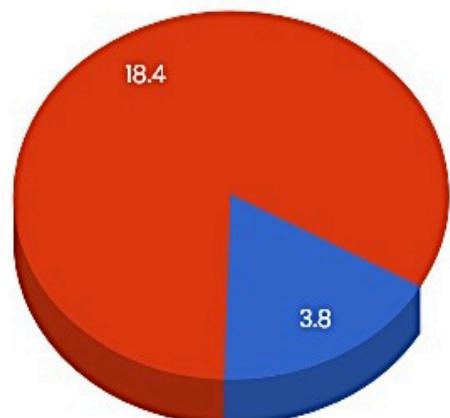
| Device control |   | Message      |   | Device settings |   |
|----------------|---|--------------|---|-----------------|---|
| Brightness     |   | Text         |   | Wallpaper       |   |
| Screen-lock    |   | Image        |   | App install     |   |
| Volume         |   | Video        |   | App update      |   |
| Mute           |   | Youtube      |   | Wi-Fi           |   |
| Bluetooth      |   | File publish |   | Time            |   |
| Bell           |   | Reboot       |   | Timezone        |   |
| Screen off     |   | Shutdown     |    | Factory reset   |    |
| Screen share   |   |              |   |                 |   |

# DMS - DASHBOARD

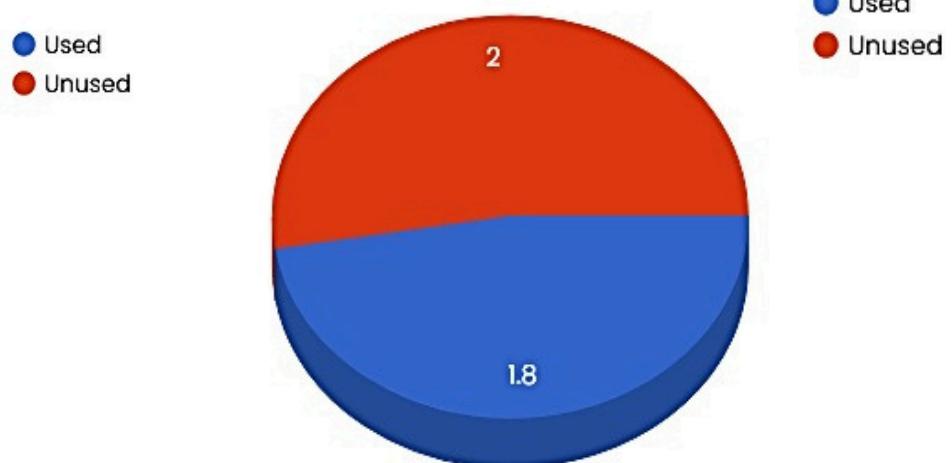


## Disk Usage Chart

Disk Statistics (in giga-bytes)



Memory Statistics (in giga-bytes)



## 4K ALL-IN-ONE USB VIDEO BAR

Designed for small to medium-sized meeting rooms, the video bar integrates a 4K UHD camera, microphone and speaker, significantly reducing wiring and saving space. With built-in AI algorithms such as auto-framing speaker-tracking, and smart gallery, it delivers a more intelligent and convenient experience.



All-in-One



4K UHD



Group  
Framing



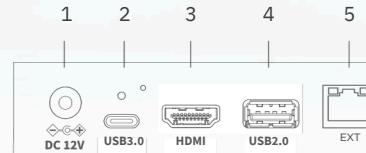
Presenter  
Tracking



Smart  
Gallery

### Interface Diagram

1 DC 12V  
2 USB3.0  
3 HDMI  
4 USB2.0  
5 EXT



## Product Specification

### ▼ Camera Spec

|                         |   |
|-------------------------|---|
| Signal System           | 4KP30, 1080P30, 720P30 etc.   |
| Sensor                  | 1/2.5 inches, CMOS,<br>Effective Pixels: 8.51 Megapixels                          |
| Optical Lens            | 121° (DFOV), 110° (HFOV),<br>75° (VFOV), 5x Digital zoom<br>Horizontal/pitch ±15° |
| PTZ                     | Mechanical PTZ (MPT) + e-PTZ (EPTZ)   |
| Digital Noise Reduction | 2D & 3D Digital Noise Reduction   |
| Backlight Compensation  | Support<br>≥55dB  |
| SNR                     |   |

### ▼ Audio Spec

|                        |                                       |
|------------------------|---------------------------------------|
| Full-frequency Speaker | 96 dB SPL at 0.5 m Beamforming        |
| Microphone Array       | microphone with 6m pickup<br>distance |
| Expansion MIC          | Support (Optional)                    |

### ▼ I/O

|                |   |
|----------------|---|
| HD Output      | 1 × HDMI, Version 1.4b  |
| EXT Microphone | 1 × RJ45, connected to the network interface<br>expansion microphone, support POE power<br>supply |
|                | 1 × USB3.0, Type-C ;<br>1 × USB2.0, Type-A<br>5.0   |

### ▼ USB Spec

|  |   |
|--|---|
| Type of Connection                     | USB 3.0, downward compatible with USB 2.0 |
| Color System /<br>Compression          | YUY2 / MJPEG 32K sampling rate, UAC 1.0   |
| USB Audio                              | Support sampling rate, UAC 1.0 support    |
| USB Video<br>Communication<br>Protocol | UVC 1.1 ~ 1.5                             |
| UAC                                    | Support                                   |
| UVC PTZ Control                        | Support (ePTZ)                            |

### ▼ Others

|                     |   |
|---------------------|---|
| Installation Method | Support desktop placement, wallmounting and<br>TV-mounting etc. |
| Supplied Cables     | USB Cable   |
| Safety Protection   | Anti-theft lock   |

### ▼ Generic Spec

|                          |  |
|--------------------------|--|
| Power Supply             | DC 12V, 2A(Max.)                                   |
| Operating<br>Temperature | 0°C ~ 40°C   |
| Storage<br>Temperature   | -40°C ~ 60°C                                       |
| Dimension                | 601mm (W) × 141mm (D) × 115mm(H)<br>(with bracket) |
| Net Weight               | 2.5kg  |

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## 4K BUSINESS WEBCAM

Designed for small to medium-sized meeting rooms, the camera offers a choice of 84° (auto-focus) or 120° (fixed focus) lenses based on requirements.

It features a 1/2.5-inch 4K CMOS sensor, delivering a 3840x2160 resolution.

With the included damping rotary bracket, it adapts to mainstream displays.



4K UHD



84°/120°  
Lenses



Built-in  
Microphone



USB 3.0



Auto  
Framing



### Product Specification

#### ▼ Camera Spec

|                         |  |
|-------------------------|--|
| Sensor                  | 1/2.5 inches, CMOS, Effective Pixels:8.29 Megapixels |
| Scanning Mode           | Progressive  |
| Type of Lens Mount      | M12  |
| Lens I                  | f=3.5mm,Horizontal FOV: 84"                          |
| Lens II                 | f=2.8mm,Horizontal FOV: 120"                         |
| Auto Focus              | Support (only 84° Support)                           |
| Digital Zoom            | 8x   |
| Minimum Illumination    | 0.5Lux @ (F1.8, AGC ON)                              |
| Shutter                 | 1/30s ~ 1/10000s                                     |
| White Balance           | Auto, Indoor, Outdoor, One Push, Manual Support      |
| Backlight Compensation  | 2D&3D Digital Noise Reduction                        |
| Digital Noise Reduction | Support  |
| Bracket                 |  |

#### ▼ I/O

|                 |                         |
|-----------------|-------------------------|
| USB Interface   | 1 x USB 3.0, type B     |
| HDMI Interface1 | 1 x HDMI1.4b (Optional) |

#### ▼ USB Spec

|                            |  |
|----------------------------|--|
| Operating System           | Windows 7 (only supports UVC1.1 features), Windows 8 and above version, MacOS 10.5 and above version, Linux 2.4.6 and above version, Android needs to include the version of UVC-related drivers |
| Color System / Compression | YUY2   |
| Signal System              | H.264 / MJPEG  |
| USB Video                  | 4KP30/25; 1080P30/25; 720P30/25; 960x540P30/25; 640x360P30/25 etc  |
| Communication Protocol     | UVC 1.1  |
| UVC PTZ Control            | Support (EPTZ)   |

#### ▼ Generic Spec

|                       |                                 |
|-----------------------|---------------------------------|
| Input Voltage         | 5V (USB Power Supply)           |
| Input Current         | 600mA                           |
| Operating Temperature | -10°C ~ 40°C                    |
| Storage Temperature   | -40°C ~ 60°C                    |
| Power Consumption     | 3W                              |
| Dimension             | 194mm (W) x 42mm (D) x 34mm (H) |
| Net Weight            | 0.5kg                           |

### Interface Diagram



1 —— HDMI (Optional)

2 —— USB3.0

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## 4K USB WEBCAM

**High-performance USB camera designed for small and medium-sized conference rooms and personal office scenarios, equipped with a new generation of 4K UHD CMOS image sensor, the image is clear and detailed; the camera is equipped with AI functions such as participant framing, speaker tracking, etc., and auto-framing and shooting, which brings ultra-high efficiency remote communication and collaboration experience.**



4K



120° Wide-Angle



Microphone Array



USB 3.0



AI Humanoid Tracing



## Product Specification

### ▼ Camera Spec

|                         |  |
|-------------------------|--|
| Sensor                  | 1/2.7 inches, CMOS, Effective Pixels:8.29 Megapixels |
| Scanning Mode           | Progressive  |
| Type of Lens Mount      | M12  |
| Lens                    | f=2.2mm, FOV: 120°                                   |
| Minimum Illumination    | 0.5Lux @ (F1.8, AGC ON)                              |
| Shutter                 | 1/30s ~ 1/10000s                                     |
| White Balance           | Auto, Indoor, Outdoor, One Push, Manual              |
| Bracket                 | Damping rotating bracket                             |
| Digital Noise Reduction | 2D&3D Digital Noise Reduction                        |
| Backlight Compensation  | Support  |

### ▼ I/O

|                |                     |
|----------------|---------------------|
| USB Interface  | 1 x USB 3.0, type C |
| Remote Control | Support             |

## Interface Diagram



### ▼ USB Spec

|                            |  |
|----------------------------|--|
| Operating System           | Windows 7 (only supports UVC1.1 features), Windows 8 and above version, MacOS 10.5 and above version, Linux 2.4.6 and above version, Android needs to include the version of UVC-related drivers |
| Hardware Requirements      | 2.4 GHz Intel® Core 2 Duo Processor or higher  |
| Color System / Compression | 2 GB memory or higher  |
| Video Format               | USB 2.0 (4K requires USB 3.0)  |
| USB Video                  | H.264 / MJPEG / YUY2   |
| Communication Protocol     | 4KP30/25, 1080P30/25, 720P30/25, 960x540P30/25, 640x360P30/25 etc.   |
| UVC PTZ Control            | UVC 1.1  |
|                            | Support (EPTZ)   |

### ▼ Generic Spec

|                     |         |       |  |
|---------------------|---------|-------|--|
| Input               | Voltage | Input | 5V (USB Power Supply)                                |
| Current Operating   |         |       | 0.6A (Max.)  |
| Temperature         |         |       | 0°C ~ 40°C   |
| Storage Temperature |         |       | -40°C ~ 60°C   |
| Power Consumption   |         |       | 3W (Max.)  |
| Dimension           |         |       | 118mm (W) x 37.2mm (D) x 34.5mm (H)<br>(Non-bracket) |

# 4K INTELLIGENT PROFESSIONAL NDI CAMERA

Designed for medium to large meeting rooms, these 4K cameras feature 12x zoom and AI tracking for precise target recognition from any position.



4K  
60FPS



AI Presenter  
Tracking



Wide  
Angle lens



Remote  
Control



Multiple  
Interfaces



NDI\*  
(OPTIONAL)

## Product Specification

### ▼ Lens Specs

|                |   |
|----------------|---|
| Sensor         | 1/2.5 inches, CMOS, Effective Pixels: 8.51 Megapixels |
| Lens           | 12x, f=4.4mm~52.8mm, F1.8~F2.6                        |
| Horizontal FOV | 71° ~ 8.2°  |
| Vertical FOV   | 42.7° ~ 4.5   |

### ▼ Camera Spec

|                         |   |
|-------------------------|---|
| Signal System           | HDMI: 4KP60, 4KP59.94, 4KP50, 4KP30, 4KP25, 4KP29.97, 1080P60, 1080P50, 1080I60, 1080I50, 1080P30, 1080P59.94, 1080I59.94, 1080P29.97, 720P60, 720P59.94; 3G-SDI: 1080P/60, 1080P/50, 1080P/30, 1080P/29.97, 1080P/59.94, 1080P/25; 1080I/60, 1080I/50, 1080I/59.94; 720P/60, 720P/59.94; |
| Scanning Mode           | Progressive   |
| Digital Zoom            | 16x   |
| Minimum Illumination    | 0.5Lux @ (F1.8, AGC ON)   |
| Shutter                 | 1/30s ~ 1/10000s  |
| White Balance           | Auto, Indoor, Outdoor, One Push, Manual, VAR  |
| Backlight Compensation  | Support   |
| Digital Noise Reduction | 3D Digital Noise Reduction  |
| SNR                     | ≥55dB   |
| Pan Angle               | ±170°   |
| Tilt Angle              | -30° ~ +90°   |
| Pan Speed               | 1.7° ~ 100°/s   |
| Tilt Speed              | 1.7° ~ 69.9°/s  |
| Image Flip              | Support   |
| Image Freeze            | Support   |
| PoE+                    | Support   |
| Preset Position         | 255   |
| Preset Accuracy         | 0.1°  |

### ▼ I/O

|                   |  |
|-------------------|--|
| HD Output         | 1 x HDMI: Version 2.0;<br>1 x 3G-SDI: BNC , 800mVp-p, 75Ω, as per SMPTE 424M standard  |
| Network Interface | 1 x RJ45: 10M/100M/1000M adaptive Ethernet   |
| Audio Interface   | 1 x LINE IN: 3.5mm Jack<br>1 x LINE OUT: 3.5mm Jack  |
| USB Interface     | 1 x USB2.0, Type-A (Support Host or Device mode)   |
| Control Interface | 1 x RS485: 2pin phoenix port, Max Distance: 1200m, Protocol: VISCA / Pelco-D / Pelco-P;<br>1 x RS232 IN: 8pin Mini DIN, Max Distance: 30m, Protocol: VISCA / Pelco-D / Pelco-P;<br>1 x RS232 OUT: 8pin Mini DIN, Max Distance: 30m, Protocol: VISCA only |
| RESTORE Button    | Support  |
| Power Interface   | JEITA type (DC IN 12V)   |



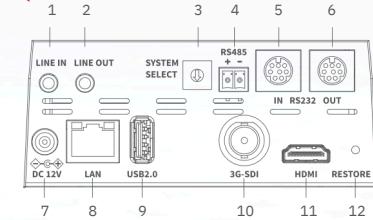
### ▼ Network Spec

|                          |  |
|--------------------------|--|
| Video Compression        | H.265 / H.264 / MJPEG  |
| Video Stream             | First Stream, Second Stream  |
| First Stream Resolution  | 3840x2160, 1920x1080, 1280x720 etc.  |
| Second Stream Resolution | 720x480, 320x240 etc.  |
| Video Bit Rate           | First Stream: 32kbps~51200kbps<br>Second Stream: 32kbps~20480kbps                            |
| Bit Rate Control         | VBR, CBR   |
| Frame Rate               | 50Hz: 1fps~50fps, 60Hz: 1fps~60fps   |
| Audio Compression        | AAC、G711A  |
| Audio Bit Rate           | 96Kbps, 128Kbps  |
| Protocols                | NDI® HX3, SRT, TCP/IP, HTTP, RTSP, RTMP(s), Onvif, DHCP, GB/T 28181, Multicast, Free-D, etc. |

### ▼ USB Spec

|                                  |  |
|----------------------------------|--|
| Operating System Supported       | Windows 7 (only supports UVC1.1 features), Windows 8 and above version, Mac OS X, Linux 2.4.6 and above version, Android needs to include the version of UVC-related drivers |
| Color System / Compression       | YUY2 / H.264 / MJPEG   |
| Video Format                     | YUY2: Max.1080P5;<br>H.264 AVC: Max.2160P30;<br>MJPEG: Max. 2160P30 Support  |
| USB Audio                        | Support  |
| USB Video Communication Protocol | UVC 1.1~1.5  |
| UVC PTZ Control                  | Support  |

### Interface Diagram



- 1 — LINE IN
- 2 — LINE OUT
- 3 — SYSTEM SELECT
- 4 — RS485
- 5 — RS232 IN
- 6 — RS232 OUT
- 7 — DC 12V
- 8 — LAN
- 9 — USB2.0
- 10 — 3G-SDI
- 11 — HDMI
- 12 — RESTORE

### ▼ Generic Spec

|             |           |                               |                         |
|-------------|-----------|-------------------------------|-------------------------|
| Input       | Voltage   | Input                         | DC 12V / PoE+ (802.3at) |
| Current     | Operating | 2A (Max.)                     |                         |
| Temperature | Storage   | 0°C ~ 40°C                    |                         |
| Temperature | Power     | -40°C ~ 60°C                  |                         |
| Consumption |           | 18W (Max.)                    |                         |
| Dimension   |           | 142mm (W) x 169mm (D) x 175mm |                         |
| Net Weight  |           | 1.5kg                         |                         |

All images are only for representation purpose only. Actual product might differ due to change/upgrade in technology

# FULL HD INTELLIGENT PROFESSIONAL NDI PTZ CAMERA

Designed for activities such as work presentations & business negotiations, the cameras feature 1080P full HD telephoto lenses with 20× optical zoom, ensuring clarity at various distances. Equipped with AI automatic framing and humanoid tracking algorithms, It provide a professional & intelligent meeting experience without manual intervention



1080P  
Full HD



AI Presenter  
Tracking



ISP Image  
Algorithm



Low  
Latency



Multiple  
Interfaces



NDI\*  
Support



## Product Specification

|                |   |
|----------------|---|
| ▼ Lens         | 20x, f4.42mm ~ 88.5mm, F1.8 ~ F2.8  |
| Horizontal FOV | 60.7° ~ 3.36°   |
| Vertical FOV   | 34.1° ~ 1.89°   |
| HD Output      | 1 x HDMI: Version 1.3;<br>1 x 3G-SDI: BNC , 800mVp-p, 75Ω, as per SMPTE 424M standard             |
| Protocols      | FULL NDI, NDI HX2, TCP/IP, HTTP, RTSP, RTMP, RTMP(s), Onvif, DHCP, Multicast, ,SRT,GB/T28181 etc. |

### ▼ Camera Spec

|                           |  |
|---------------------------|--|
| Signal System             | HDMI、3G-SDI: 1080P60, 1080P59.94, 1080P50, 1080I60, 1080I59.94, 1080I50, 1080P30, 1080P29.97, 1080P25, 720P60, 720P59.94, 720P50 |
| Sensor                    | 1/2.8 inches, CMOS, Effective Pixels: 2.07 Megapixels  |
| Scanning Mode             | Progressive  |
| Digital Zoom              | 16×  |
| Minimum Illumination      | 0.5Lux @ (F1.8, AGC ON)  |
| Shutter                   | 1/30s ~ 1/10000s   |
| White Balance             | Auto, Indoor, Outdoor, One Push, Manual, VAR   |
| Backlight Compensation    | Support  |
| Digital Noise Reduction   | 2D&3D Digital Noise Reduction  |
| SNR                       | ≥55dB  |
| Pan Angle                 | ±170°  |
| Tilt Angle                | -30° ~ +90°  |
| Pan Speed                 | 1.7° ~ 100°/s  |
| Tilt Speed                | 1.7° ~ 69.9°/s   |
| Image Flip                | Support  |
| Image Freeze              | Support  |
| Preset Position           | 255  |
| Preset Accuracy           | 0.1°   |
| ▼ Audio                   |  |
| Microphone Array          | Built-in dual microphones, 100Hz to 16KHz frequency response.  |
| Analog Audio Input/Output | Support 3.5mm Line-In;<br>Support 3.5mm Line-Out   |
| Digital Audio Output      | Support HDMI, USB, LAN, 3G-SDI etc   |

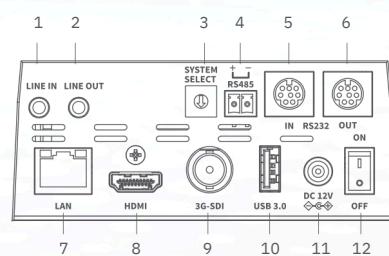
### ▼ I/O

|                   |  |
|-------------------|--|
| Audio Interface   | 1 x Line In, 3.5mm Jack 1 x Line Out, 3.5mm Jack   |
| Control Interface | 1 x RS485: 2pin phoenix port, Max Distance: 1200m, Protocol: VISCA / Pelco-D / Pelco-P;<br>1 x RS232 IN: 8pin Mini DIN, Max Distance: 30m, Protocol: VISCA / Pelco-D / Pelco-P;<br>1 x RS232 OUT: 8pin Mini DIN, Max Distance: 30m, Protocol: VISCA only |
| Power Interface   | JEITA type (DC IN 12V)   |

### ▼ Network Spec

|                          |                                    |
|--------------------------|------------------------------------|
| Video Compression        | H.264 / MJPEG                      |
| Video Stream             | First Stream, Second Stream        |
| First Stream Resolution  | 1920x1080, 1280x720, 1024x576 etc. |
| Second Stream Resolution | 1280x720,1024x576,720x576 etc.     |
| Video Bit Rate           | 32kbps~20480kbps                   |
| Bit Rate Control         | VBR, CBR                           |
| Frame Rate               | 1fps ~ 60fps                       |
| Audio Compression        | AAC                                |
| Audio Bit Rate           | 96Kbps, 128Kbps, 256Kbps           |

### Interface Diagram



- 1 — LINE IN
- 2 — LINE OUT
- 3 — SYSTEM SELECT
- 4 — RS485
- 5 — RS232 IN
- 6 — RS232 OUT
- 7 — LAN
- 8 — HDMI
- 9 — 3G-SDI
- 10 — USB3.0
- 11 — DC 12V
- 12 — ON/OFF

### ▼ USB Spec

|                                  |  |
|----------------------------------|--|
| Operating System Supported       | Windows 7 (only supports UVC1.1 features), Windows 8 and above version, Mac OS X, Linux 2.4.6 and above version, Android needs to include the version of UVC-related drivers |
| Color System / Compression       | YUY2 / H.264 / MJPEG   |
| Video Format                     | Support a variety of different frame rates and resolution video formats, up to 1080p60 YUY2 output   |
| USB Audio                        | 32K Sampling Rate, Support UAC2.0  |
| USB Video Communication Protocol | UVC 1.1~1.5  |
| UVC PTZ Control                  | Support  |

### ▼ Generic Spec

|                     |                               |
|---------------------|-------------------------------|
| Input Voltage Input | DC 12V / PoE+ (802.3at)       |
| Current Operating   | 1.5 A (Max.)                  |
| Temperature Storage | 0°C ~ 40°C                    |
| Temperature Power   | -40°C ~ 60°C                  |
| Consumption         | 15W (Max.)                    |
| Dimension           | 142mm (W)×169mm (D)×175mm (H) |
| Net Weight          | 1.5kg                         |

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# FULL HD VIDEO CONFERENCING PTZ CAMERA

*Designed for corporate business discussions, personal office use, teaching recordings, and more, the V20CG features a 1/2.8-inch HD CMOS image sensor and a 10x optical zoom lens with 58.5 ° FoV, which delivers clear meeting scenes*



1080P  
Full HD



10x Optical  
Zoom



Dual  
Stream



USB 2.0



Remote  
Control

## Product Specification

### ▼ Camera Spec

|                         |   |
|-------------------------|---|
| Signal System           | 1080P, 720P, 540P, 480P, 360P, 240P                 |
| Sensor                  | 1/2.8 inches, CMOS, Effective Pixels: 2.07 Megapixe |
| Scanning Mode           | Progressive   |
| Lens                    | 10x, f4.7mm~46.3mm, F1.8~F2.8                       |
| Minimum Illumination    | 0.5Lux @ (F1.8, AGC ON)                             |
| Shutter                 | 1/30s ~ 1/10000s                                    |
| White Balance           | Auto, Indoor, Outdoor, One Push, Manual, VAR        |
| Backlight Compensation  | Support   |
| Digital Noise Reduction | 2D&3D Digital Noise Reduction                       |
| SNR                     | ≥55dB   |
| Horizontal FOV          | 58.5° ~ 6.5°  |
| Vertical FOV            | 35.1° ~ 3.6°  |
| Pan Angle               | ±170°   |
| Tilt Angle              | -30° ~ +90°   |
| Pan Speed               | 2.7° ~ 47° / s                                      |
| Tilt Speed              | 3.4° ~ 30° / s                                      |
| Image Flip              | Support   |
| Image Freeze            | Support   |
| Preset Position         | 255   |
| Preset Accuracy         | 0.1°  |

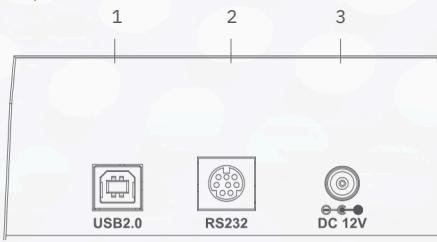
### ▼ USB Spec

|                                  |   |
|----------------------------------|---|
| Operating System Supported       | Windows 7 (only supports UVC1.1 features), Windows 8 and above version, MacOS 10.5 and above version, Linux 2.4.6 and above version, Android needs to include the version of UVC- related drivers |
| Color System / Compression       | YUY2 / H.264 / MJPEG H.264 AVC: Max. 1080P30; MJPEG: Max. 1080P30   |
| Video Format                     |   |
| USB Video Communication Protocol | UVC 1.1~1.5   |
| UVC PTZ Control                  | Support   |

### ▼ Generic Spec

|             |            |                                       |        |
|-------------|------------|---------------------------------------|--------|
| Input       | Voltage    | Input                                 | DC 12V |
| Current     | Operating  | 1A (Max.)                             |        |
| Temperature | Storage    | -10°C ~ 40°C                          |        |
| Temperature | Power      | -40°C ~ 60°C                          |        |
| Consumption | No Failure | 12W (Max.)                            |        |
| Time        |            | >30000 hours                          |        |
| Dimension   |            | 141.3mm (W) x 153mm (D) x 163.6mm (H) |        |
| Net Weight  |            | 1.153kg                               |        |

### Interface Diagram



1 — USB2.0  
2 — RS232  
3 — DC 12V

All images are only for representation purpose only. Actual product might differ due to change/upgrade in technology

## SPEAKERPHONE SM200

An USB Wireless conference speakerphone with 360° omnidirectional voice pick up and can reach radius of 3 meters range. Plug in and play, support both Wireless and wired USB connection to quickly realize a team communication and collaboration. It is compatible with various instant video conference applications that can be widely used for business conference, video games, remote education, tele-medicine etc.



### Connections

1 x 1.2M USB 2.0 Cable

### Product size

130mm x 130mm x 35mm

### Package size

176.9mm x 172mm x 72mm

### Warranty

12 Months

### What's In The Box

1 x Microphone

1 x 1.2meters USB cable

1 x User Manual

### Battery

Built-in 3000mAh battery

### Power supply

DC 5V

### Integrated Audio

- Built-in Hi-Fi speaker
- Built-in 6 Microphone Array
- Voice Pickup Range Up to 3 meters
- Acoustic echo cancellation and noise reduction
- Mic Sensitivity: -27dBFS
- Signal to noise ratio: 64.3dB(A)



All images are only for representation purpose only. Actual product might differ due to change/upgrade in technology

## SPEAKERPHONE SM202

Wireless speakerphone kit for huddle to large conference rooms. Built-in 4-mic array, 2 wireless extension mics, hi-fi speaker, and advanced 3A audio algorithm for clear voice pickup. No wiring hassle – connects via USB or wirelessly to Android, Windows, and macOS. With SM202, communication is effortless!



Built in 6 Mics



Built in Speaker



Long-life Battery



Noise Reduction



Wireless extension microphone



Wireless connection



### Microphone Array

- Built-in 6 Microphone Array
- Voice Pickup Range Up to 10 meters

### Other:

- Power supply: DC 5V
- Battery: Built-in 3000mAh battery
- Extension Mic Built-in Battery 2000mAh
- Warranty: 12Months
- Size: 180 X 180 X 43mm
- Wireless microphone size: 100 X 100 X 25mm
- Package size: 235 X 235 X 110mm

### Speaker

- Built-in Hi-Fi Speaker
- DSP AUDIO
- Acoustic echo cancellation & noise reduction
- Dynamic speech enhancement

### What's In The Box

- 1 X Speakerphone
- 1 X 1.5meters Type-C cable
- 2X Wireless microphones
- 1 X Wireless Receiver (Optional)

# VIDEO CONFERENCING SOFTWARE

## BRIOMEET: VIRTUAL MEETINGS. REAL IMPACT

**BrioMeet** is our smart and secure video conferencing platform, built to streamline how teams connect and collaborate. Whether it's corporate reviews, client meetings, or daily huddles, BrioMeet delivers crystal-clear video, real-time sharing, and a seamless experience, natively integrated with BrioTouch panels for smooth transitions between physical and virtual spaces.



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[Contact](#)
[Join Conference](#)
[Start Conference](#)

### Made in India Video Conferencing

This is it: BrioMeet, a fully integrated, enterprise grade video conferencing solution for Android, iOS, Mac, Windows & Linux platforms that's made in India. With AES 128 GCM encryption, it's secure, reliable & highly practical.

[Enterprise Demo](#)



BRIOMEET is an enterprise grade communication & collaboration solution provider that suits a variety of video conferencing needs.

Built for Smart Meetings. Powered by Brio

Terms of use | Privacy Policy

### Video Conferencing

- High-quality video & audio with end-to-end encryption.
- Supports HD video with up to 4K resolution.
- Grid view, active speaker view, and screen layout customization.

### Participant Controls

- Up to 1000 participants in a single conference.
- Role-based access: Admin, Moderator, Participant.
- Raise hand, reactions, and chat features for engagement.



### Meeting Management

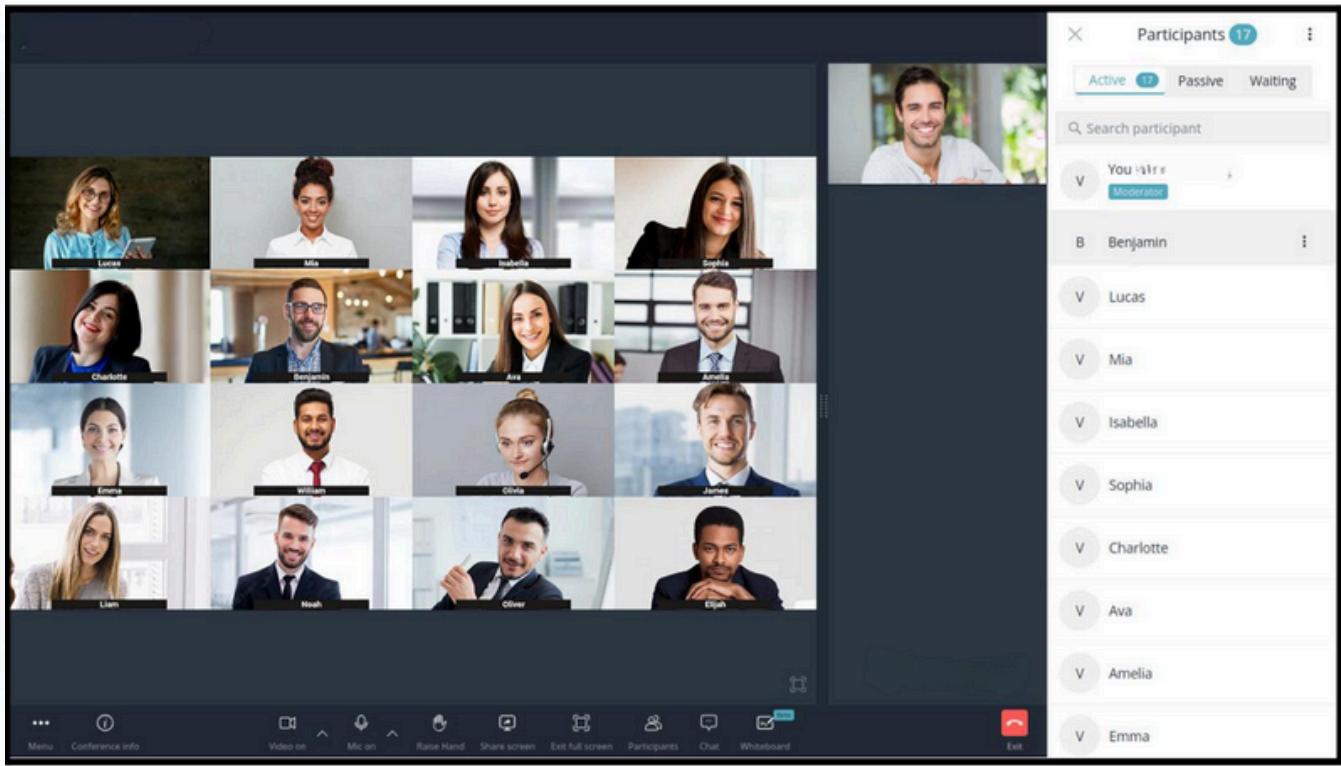
- Schedule, host, and manage meetings from a central dashboard.
- Custom meeting URLs and branded meeting rooms.
- Moderator controls: mute/unmute, remove participants, lock meeting, etc.



### AI-Powered Features

- Real-time transcription (speech-to-text).
- Translation support for multilingual meetings.
- Noise suppression and background blur.

## BRIOMEET: VIRTUAL MEETINGS. REAL IMPACT



### Smart Collaboration

- Share entire or single screen in real-time.
- Built-in Collaborative tools.
- File sharing during meetings.



### Integration & Interoperability

- Integration with LMS, ERP, and custom APIs.
- Supports SIP and H.323 protocol
- Available on Web, Android, iOS, and desktop clients.



### Security & Compliance

- AES 256-bit encryption and GDPR-compliant.
- Multi-factor authentication (MFA) support.
- Role-based permission management.



### Analytics & Reports

- Detailed usage reports and participant logs.
- Real-time meets diagnostics and quality monitoring.
- Dashboard for collaboration metrics

**BrioMeet** ensures seamless integration with LMS, ERP, and custom APIs, and supports SIP/H.323 protocols for hardware compatibility. Accessible on web, Android, iOS, and desktop, it offers AES 256-bit encryption, MFA, and role-based access for secure collaboration. Real-time analytics, usage reports, and a centralized dashboard provide clear insights into meeting performance and participation.

## ADVANCED HARDWARE SOLUTIONS FOR LARGE CONFERENCE ROOM



Digital Signal Processor

Optimize every sound wave with cutting-edge digital signal processing tailored for pro-level conferencing.



Wall Mount Speaker



Mixer

Multi-input audio mixer for flawless integration of microphones, DSPs, and media sources.



Delegate Mic



Wide Dispersion Ceiling speakers

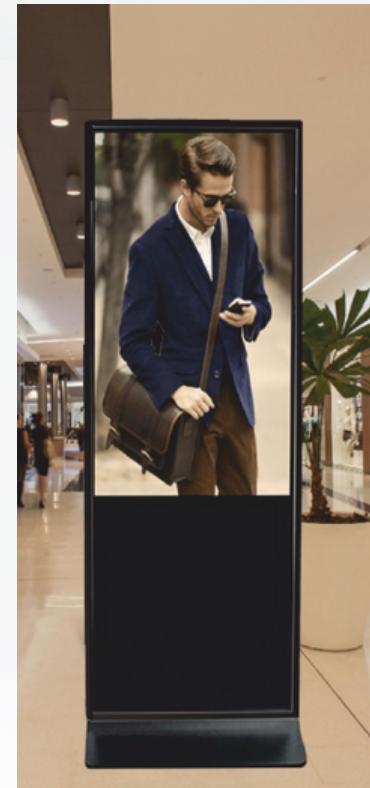
Deliver crystal-clear audio across every corner with wide dispersion ceiling speakers.

# DIGITAL STANDEE

## VECTRA VERTVIEW - SUPER SLIM DESIGN



| Display Feature       |                        |
|-----------------------|------------------------|
| Panel Size (Diagonal) | 55"                    |
| Aspect Ratio          | 16: 09                 |
| Brightness (cd/m2)    | 400 - 500              |
| Contrast Ratio        | 1400: 1                |
| Viewing Angle         | 178x178                |
| Display Colour        | 16.7M                  |
| Response Time         | 8ms                    |
| Operation Duration    | 24x7                   |
| Lifetime Hrs          | 50000                  |
| Ports                 |                        |
| LAN                   | 1                      |
| RJ 45 (LAN)           | 1                      |
| USB                   | 2                      |
| HDMI                  | Optional               |
| Others                |                        |
| Speakers              | 10wx2                  |
| Power Consumption     | <=175W                 |
| Working Temperature   | 0-40 Degree C          |
| Storage temperature   | -10-60 Degree C        |
| Storage Humidity      | 10%-90% Non Condensing |
| Cabinet Color         | Black                  |
| Screen Protection     | 4mm Toughened Glass    |
| OS (Media Player)     | Android 9 and above    |
| Dimensions WxH (mm)   | 750 x 1960 / 875x2005  |
| Warranty - years      | 1                      |



## DIGITAL PODIUM

### VECTRA DIGISPEAK



Digital Podium with Controller

| DIGITAL PODIUM   | PODIUM WITH CONTROLLER | SLIM PODIUM |
|--|------------------------|-------------|
| High Quality Metallic powder coated body with Single Key Lock facility | Yes                    | Yes         |
| Motorised screen tilt  | Yes                    | No          |
| Logo Space   | Yes                    | Yes         |
| Power Socket with MCB  | Yes                    | Yes         |
| Inbuilt Space for PC, Amplifier, speakers                              | Yes                    | Yes         |
| Security : Lockable drawers  | Yes                    | Yes         |
| Provisions : Sliding top tray to cover screen                          | Yes                    | No          |
| Cooling Fans   | Yes                    | No          |
| 21.5" touch screen (finger and pen touch)                              | Yes                    | Yes         |
| Feather Touch, VGA & HDMI Compatible                                   | Yes                    | No          |
| Speakers 2 x 25W   | Yes                    | Yes         |
| Gooseneck Mic - 1  | Yes                    | Yes         |
| Amplifier ~ 60 W   | x1                     | x2          |
| Wireless Mic -1  | 60W                    | 45W         |
| i3 / i5, 4GB RAM, 1 TB HDD, DOS / Windows                              | Yes                    | No          |
| Keyboard and mouse   | Yes                    | Yes         |
|  | Yes                    | No          |



Slim Podium



# BRIOTOUCH AV SOLUTIONS

Empowering Communication Across Distance and Devices



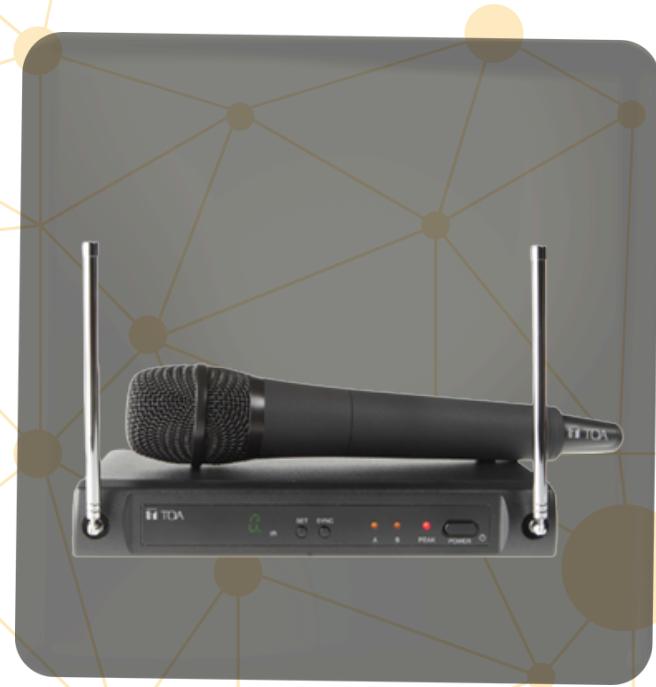
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[sales@briotouch.com](mailto:sales@briotouch.com)

[www.briotouch.com](http://www.briotouch.com)



Dual Wireless Microphone Set (Handheld + Lavalier)



Single wireless mic (handheld)



Single wireless mic (lavalier)



Delegate Mic



Digital Power Amplifier

Digital speaker processor

Master Control Unit: (30  
delegate + 2 chairman)

Delegate flush-mount units  
(with push-to-talk) +  
Microphone





*Schedule a personalized demonstration with our experts to explore how BrioTouch solutions can transform your workspace.*

---

## **Brio Interactive Technologies Limited**

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