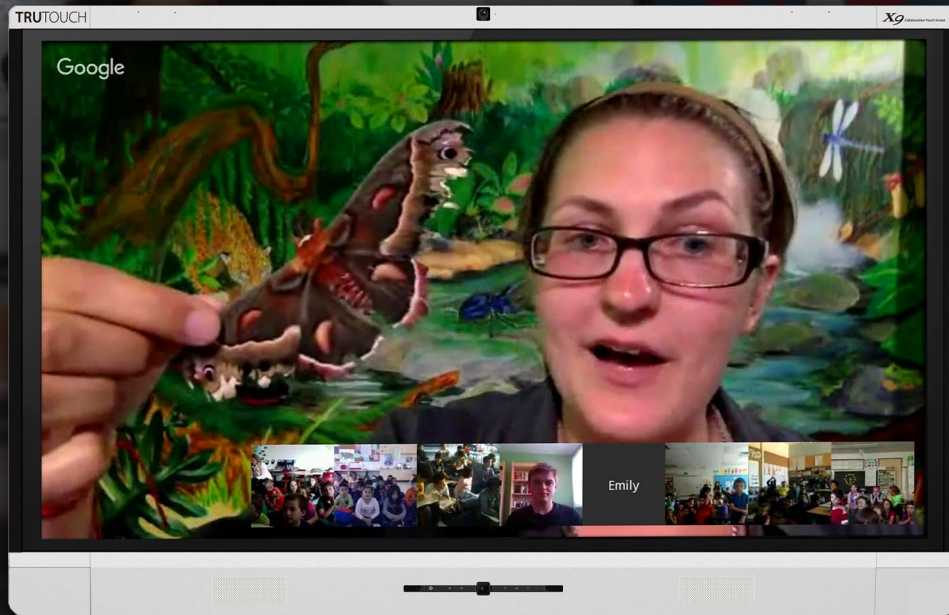# newline
## Connect. Create. Collaborate.

# THE UNMATCHED ALL-IN-ONE UNIFIED COLLABORATION SOLUTION

| Built-in Cameras | Noise Cancellation & Echo Reduction | Access to the Cloud | Seamless Wireless Casting | Optical Bonding Technology | Object Recognition | OPS Computer Included | Compatible with all Devices |

Connect your classroom to the wide world outside with the X Series, a touch display built around ease of use and video conferencing.

The non-proprietary nature lets you interact your way both in the classroom, teacher training, or administrative meetings. Built-in cameras and microphones let you communicate with classrooms across the world, hassle-free, to broaden your students' horizons. With a vivid 4K resolution on an optically bonded screen, the X Series provides a superior image quality that brings your lessons to life in stunning clarity. Optical bonding gives you an ultra-wide 178° viewing angle. No matter where your students sit, they can see the screen clearly.

Explore distance learning, attend a virtual field trip, or host an internal training on a display with best-in-class image quality and our unique optical bonding technology. The only all-in-one collaboration solution for your educational needs.

# X Series

| Model | X5 | X6 | X8 | X9 |
|---|---|---|---|---|
| **Display** | | | | |
| Screen Size | 55" | 65" | 75" | 86" |
| Display Area | 47.62 x 26.79 in | 56.23 x 31.63 in | 64.97 x 36.55 in | 74.69 x 42.05 in |
| Backlight | LED | LED | LED | LED |
| Resolution | 1920 x 1080 pixels | 3840 x 2160 pixels | 3840 x 2160 pixels | 3840 x 2160 pixels |
| Display Ratio | 16:9 | 16:9 | 16:9 | 16:9 |
| Brightness | 370nit | 370nit | 370nit | 370nit |
| Viewing Angle | 178° | 178° | 178° | 178° |
| Lifetime Hours | 50,000 hours | 50,000 hours | 50,000 hours | 50,000 hours |
| **Speakers, Cameras, Microphones** | | | | |
| Speaker Position | Forward | Forward | Forward | Forward |
| Speaker Frequency Response | 65Hz - 12.5KHz | 6.5Hz - 12.5KHz | 6.5Hz - 12.5KHz | 6.5Hz - 12.5KHz |
| Max Power Output | (2) 15W | (2) 15W | (2) 15W | (2) 15W |
| Microphone Sensitivity | -38dBV±3dB | -38dBV±3dB | -38dBV±3dB | -38dBV±3dB |
| Mic Frequency Response | 65Hz - 12.5KHz | 65Hz - 12.5KHz | 65Hz - 12.5KHz | 65Hz - 12.5KHz |
| Mic Polar Patterns | Omni-directional | Omni-directional | Omni-directional | Omni-directional |
| Mic Pickup Range | 26.25 ft | 26.25 ft | 26.25 ft | 26.25 ft |
| Mic Quantity | 4-element array | 4-element array | 4-element array | 4-element array |
| Camera Position | 1 Top, 1 Bottom | 1 Top, 1 Bottom | 1 Top, 1 Bottom | 1 Top, 1 Bottom |
| Camera Sensor | 2M Pixels | 2M Pixels | 2M Pixels | 2M Pixels |
| Camera Lens | 86° | 86° | 86° | 86° |
| Video Resolution | 1920x1080@30fps (Max) | 1920x1080@30fps (Max) | 1920x1080@30fps (Max) | 1920x1080@30fps (Max) |
| Frame Rate | 30fps/60fps | 30fps/60fps | 30fps/60fps | 30fps/60fps |
| **Power** | | | | |
| Max Power Consumption | ≤180W (Standby ≤0.5W) | ≤220W (Standby ≤0.5W) | ≤300W (Standby ≤0.5W) | ≤450W (Standby ≤0.5W) |
| Working Voltage | AC 100-240V, 50/60Hz | AC 100-240V, 50/60Hz | AC 100-240V, 50/60Hz | AC 100-240V, 50/60Hz |
| **Touch** | | | | |
| Touch Surface | Anti-glare tempered glass | Optically bonded anti-glare glass | Optically bonded anti-glare glass | Optically bonded anti-glare glass |
| Touch Technology | InGlass™ | InGlass™ | InGlass™ | InGlass™ |
| Touch Points | Up to 20 Points | Up to 20 Points | Up to 20 Points | Up to 20 Points |
| Writing Tools | Stylus or Finger | Stylus or Finger | Stylus or Finger | Stylus or Finger |
| Communication Interface | USB-A | USB-A | USB-A | USB-A |
| **Transportation/Storage** | | | | |
| Storage Temperature/Humidity | 14°F - 122°F / 10% - 90% D51 | 14°F - 122°F / 10% - 90% D51 | 14°F - 122°F / 10% - 90% D51 | 14°F - 122°F / 10% - 90% D51 |
| Working Temperature/Humidity | 32°F - 104°F / 10% - 90% | 32°F - 104°F / 10% - 90% | 32°F - 104°F / 10% - 90% | 32°F - 104°F / 10% - 90% |
| Mounting Options | Wall-mount or Mobile Stand | Wall-mount or Mobile Stand | Wall-mount or Mobile Stand | Wall-mount or Mobile Stand |
| Outline Dimension | 52 x 34.9 x 3.4 in | 61.7 x 41.1 x 3.5 in | 70.6 x 46.1 x 4 in | 80.3 x 51.8 x 4 in |
| Weight | 79.4 lbs | 99.2 lbs | 121.3 lbs | 174.10 lbs |
| **Ports** | | | | |
| Front Interface Ports | HDMI 1.4 (4K@30Hz) x 1, USB(Touch) x 1 USB(Dynamic) x 2, Microphone In (3.5mm) x 1 | | | |
| Inputs | HDMI (4K@60Hz) x 2, HDMI (4K@30Hz) x 1, DisplayPort (4K@60Hz) x 1, USB(touch) x 4 | | | |
| Outputs | HDMI Out (4K@60Hz) x 1, Line Out (3.5mm) x 1, SPDIF Out x 1 | | | |
| Other | USB(3.0) x 1, USB(2.0) x 2, RS232 x 1, RJ45 x 2, OPS Slots (4K@60Hz) x 1, Power (DC 5V-2A) Out x 1 | | | |
| **Other Major Features** | | | | |
| Embedded Operating System | Android | Android | Android | Android |
| OPS Included | Yes | Yes | Yes | Yes |
| Wireless Screen Casting | Yes | Yes | Yes | Yes |
| Object Recognition | Yes | Yes | Yes | Yes |
| Newline Workspace | Free 1-year license included | Free 1-year license included | Free 1-year license included | Free 1-year license included |
| Newline Launch Control | Free 1-year license included | Free 1-year license included | Free 1-year license included | Free 1-year license included |

**newline**

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