# Smart Projector for classroom

# Smart Projector for Classroom

## Learning Without Boundaries

| Model Name | | EH600 | EW600 | EX600 | EW800ST | EX800ST |
|---|---|---|---|---|---|---|
| Display | Native Resolution | 1920 x 1080 pixels, 1080p | 1280 x 800 pixels, WXGA | 1024 x 768 pixels, XGA | 1280x800 pixels, WXGA | 1024 x 768 pixels, XGA |
| | Brightness | 3,500 Lumens | 3,600 Lumens | 3,600 Lumens | 3,300 Lumens | 3,300 Lumens |
| | Contrast Ratio* | 20,000:1 | 20,000:1 | 20,000:1 | 20,000:1 | 20,000:1 |
| | Display Color | 1.07 Billion Colors | 1.07 Billion Colors | 1.07 Billion Colors | 1.07 Billion Colors | 1.07 Billion Colors |
| | Aspect Ratio | Native 16:9 (5 aspect ratio selectable) | Native 16:10 (5 aspect ratio selectable) | Native 4:3 (5 aspect ratio selectable) | Native 16:10 (5 aspect ratio selectable) | Native 4:3 (5 aspect ratio selectable) |
| | Light Source | Lamp 200W | Lamp 200W | Lamp 200W | Lamp 200W | Lamp 200W |
| | Light Source Life* | Normal 5000 hrs; Economic 10000 hrs; SmartEco 10000 hrs; LampSave 15000 hrs | Normal 5000 hrs; Economic 10000 hrs; SmartEco 10000 hrs; LampSave 15000 hrs | Normal 5000 hrs; Economic 10000 hrs; SmartEco 10000 hrs; LampSave 15000 hrs | Normal 5000 hrs; Economic 10000 hrs; SmartEco 10000 hrs; LampSave 15000 hrs | Normal 5000 hrs; Economic 10000 hrs; SmartEco 10000 hrs; LampSave 15000 hrs |
| Optical | Throw Ratio | 1.49~1.64 | 1.55~1.7 | 1.96~2.15 | 0.49 | 0.61 |
| | Zoom Ratio | 1.1X | 1.1X | 1.1X | Fixed | Fixed |
| | Lens Control | Manual Focus | Manual Focus | Manual Focus | Manual Focus | Manual Focus |
| | Keystone Correction | 1D, Vertical +/- 40 degrees | 1D, Vertical +/- 40 degrees | 1D, Vertical +/- 40 degrees | 1D, Vertical ± 30 degrees | 1D, Vertical ± 30 degrees |
| | Projection Offset | 108±2.5%( (Full-Height) | 100±2.5%( (Full-Height) | 110±2.5%( (Full-Height) | 105±2.5%( (Full-Height) | 115±2.5%( (Full-Height) |
| | Projection Size | 60"~180" | 60"~180" | 60"~180" | 70"~120" | 60"~120" |
| Audio | Built-in Speaker | 2W x1 | 2W x1 | 2W x1 | 2W x1 | 2W x1 |
| Security | Security | Security Bar | Security Bar | Security Bar | Security Bar, Kensington anti-theft lock slot | Security Bar, Kensington anti-theft lock slot |
| Connectivity | I/O Port | HDMI x1 PC (D-sub 15pin) x1 Monitor out (D-sub 15pin, Female) x1 Audio in (mini jack) x1 Audio out (mini jack) x1 RS232 In (D-sub 9pin, male) x1 USB Type A-1 x1 USB TypeA-2 (5V,1.5A) x1 USB Type A (For hidden wireless dongle) x1 USB Type mini B x1 IR Receiver (Front+Top) x2 | HDMI x1 PC (D-sub 15pin) x1 Monitor out (D-sub 15pin, Female) x1 Audio in (mini jack) x1 Audio out (mini jack) x1 RS232 In (D-sub 9pin, male) x1 USB Type A-1 x1 USB TypeA-2 (5V,1.5A) x1 USB Type A (For hidden wireless dongle) x1 USB Type mini B x1 IR Receiver (Front+Top) x2 | HDMI x1 PC (D-sub 15pin) x1 Monitor out (D-sub 15pin, Female) x1 Audio in (mini jack) x1 Audio out (mini jack) x1 RS232 In (D-sub 9pin, male) x1 USB Type A-1 x1 USB TypeA-2 (5V,1.5A) x1 USB Type A (For hidden wireless dongle) x1 USB Type mini B x1 IR Receiver (Front+Top) x2 | HDMI x1 PC (D-sub 15pin) x1 Monitor out (D-sub 15pin,Female) x1 Audio in(mini jack) x1 Audio out (mini jack) x1 RS232 In (D-sub 9pin, male) x1 LAN Port(RJ45 for Network ) x1 USB TypeA-1x1 USB TypeA-2 (5V,1.5A) x1 USB Type mini B x1 IR Receiver (Front+Top) x2 | HDMI x1 PC (D-sub 15pin) x1 Monitor out (D-sub 15pin, Female) x1 Audio in (mini jack) x1 Audio out (mini jack) x1 RS232 In (D-sub 9pin, male) x1 LAN Port (RJ45 for Network ) x1 USB TypeA-1x1 USB TypeA-2 (5V,1.5A) x1 USB Type mini B x1 IR Receiver (Front+Top) x2 |
| Smart System | OS System | Android 6.0 | Android 6.0 | Android 6.0 | Android 6.0 | Android 6.0 |
| | ROM/RAM | 16GB/2GB | 16GB/2GB | 16GB/2GB | 16GB/2GB | 16GB/2GB |
| Wireless | Wireless | Dual Band 802.11ac/ b/g/n, 2.4G/5G | Dual Band 802.11ac/ b/g/n, 2.4G/5G | Dual Band 802.11ac/ b/g/n, 2.4G/5G | Dual Band 802.11ac/ b/g/n, 2.4G/5G | Dual Band 802.11ac/ b/g/n, 2.4G/5G |
| | Bluetooth | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| Compatibility | Resolution Support | VGA(640 x 480) to WUXGA_RB(1920 x 1200) | VGA(640 x 480) to WUXGA_RB(1920 x 1200) | VGA(640 x 480) to WUXGA_RB(1920 x 1200) | VGA(640 x 480) to WUXGA_RB(1920 x 1200) | VGA(640 x 480) to WUXGA_RB(1920 x 1200) |
| | HDTV Compatibility | 480i, 480p, 576i, 567p, 720p, 1080i, 1080p | 480i, 480p, 576i, 567p, 720p, 1080i, 1080p | 480i, 480p, 576i, 567p, 720p, 1080i, 1080p | 480i, 480p, 576i, 567p, 720p, 1080i, 1080p | 480i, 480p, 576i, 567p, 720p, 1080i, 1080p |
| | Video Compatibility | NTSC, PAL, SECAM | NTSC, PAL, SECAM | NTSC, PAL, SECAM | NTSC, PAL, SECAM | NTSC, PAL, SECAM |
| Power | Power Consumptions (Max/Normal/Eco) | Max 320W. Normal 280 W. Eco 235 W. | Max 320W. Normal 280 W. Eco 235 W. | Max 320W. Normal 280 W. Eco 235 W. | Max 320W. Normal 280 W. Eco 235 W. | Max 320W. Normal 280 W. Eco 235 W. |
| | Standby Power consumption | Normal < 0.5W | Normal < 0.5W | Normal < 0.5W | Normal < 0.5Watts. Network < 2W. | Normal < 0.5Watts. Network < 2W. |
| | Power Supply | 100 ~ 240V AC | 100 ~ 240V AC | 100 ~ 240V AC | 100 ~ 240V AC | 100 ~ 240V AC |
| Dimension and Weight | Product Dimensions (WxHxD) | 296 x 120 x 232 mm | 296 x 120 x 232 mm | 296 x 120 x 232 mm | 296 x 120 x 250 mm | 296 x 120 x 250 mm |
| | Product Weight | 2.5 Kg | 2.5 Kg | 2.5 Kg | 2.6 Kg+/- 200g | 2.6 Kg+/- 200g |
| Operation Condition | Noise Level (Normal/Eco) | 33/29 dBA | 33/29 dBA | 33/29 dBA | 33/29 dBA | 33/29 dBA |
| Accessories | Accessories (Standard) | Wireless Dongle: WDR02U Power Cord (by region) Remote Control w/ Battery (RC1023) VGA cable Warranty Card (by region) QSG | Wireless Dongle: WDR02U Power Cord (by region) Remote Control w/ Battery (RC1023) VGA cable Warranty Card (by region) QSG | Wireless Dongle: WDR02U Power Cord (by region) Remote Control w/ Battery (RC1023) VGA cable Warranty Card (by region) QSG | Wireless Dongle: WDR02U Power Cord (by region) Remote Control w/ Battery (RC1023) VGA cable Warranty Card (by region) QSG | Wireless Dongle: WDR02U Power Cord (by region) Remote Control w/ Battery (RC1023) VGA cable Warranty Card (by region) QSG |
| | Accessories (Optional) | Spare Lamp Kit (5J.JLV05.001) 3D Glasses (5J.J9H25.002) Ceiling mount (5J.JAM10.001) | Spare Lamp Kit (5J.JLT05.001) 3D Glasses (5J.J9H25.002) Ceiling mount (5J.JAM10.001) | Spare Lamp Kit (5J.JLR05.001) 3D Glasses (5J.J9H25.002) Ceiling mount (5J.JAM10.001) | Spare Lamp Kit (5J.JLT05.001) 3D Glasses (5J.J9H25.002) Wall mount (WM06G3) | Spare Lamp Kit (5J.JLT05.001) 3D Glasses (5J.J9H25.002) Wall mount (WM06G3) |
| OSD | On Screen Display Language | Arabic/Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/Japanese/ Korean/ Norwegian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/ Spanish/ Swedish/ Turkish/Thai/TraditionalChinese/Vietnamese /Farsi (30 Languages) | | | | |

Environment Notice
* The Contrast is measure by Full On Full Off standard.
* LightSource life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.
* Storage: Temperature: -20~60°C; Humidity: 10~90%RH (without condensation)
* Transmission quality depends on Wi-Fi environment and the screen mirroring compatibility of mobile devices from different brands.

**Wireless Accessibility**   **App Accessibility**   **Wireless Mirroring**   **Built-In Android System**

# Smart Projector: Break away from outdated teaching methods

The World's First Smart Projector for Classroom with built-in internet connectivity and web browser, enables teachers to wirelessly access online teaching material without using a PC or laptop. With Smart Projector, schools can achieve smart and blended learning in the classroom, easily and intuitively.

## What you may encounter with your school projectors

Device and Cable Incompatibility

Must carry a USB flash for different classes

Complicated Set-up Menu

Slow when switching from one device to another

Difficult for IT department to centrally manage devices

Lack of convenient software to manage classroom projectors

### Smart for Wireless Screen Sharing

## Wirelessly share your thoughts in one-click

Built to support laptops, tablets and smartphones, teachers and students can easily wirelessly share reports, ideas and presentation slides from their device to the Smart Projector in one-click. Make your lessons fully engaging and interactive!
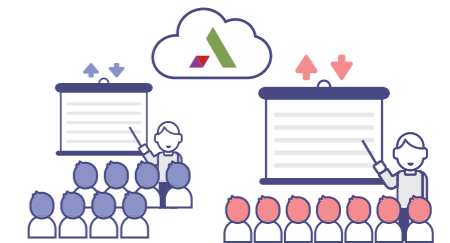
### Connect to a Smarter World

## A projector that lets you browse more

Unlike traditional projectors, Smart Projector for Classroom has a built-in Android system and web browser (Firefox), allowing teachers to instantly search for online teaching material in the classroom. Provide your students with a greater knowledge landscape, and move away from the wired solution.

### Smart Access to Your Teaching Material in Any Classroom

## Once your cloud storage is linked, your teaching materials are at your fingertips

Designed to save teachers' time on gathering teaching material, teachers can call up their own tailor-made supporting content from the linked cloud storage accounts to Smart Projector using Account Management System app from their own tablet or smartphone. Same teaching content but available in different classrooms.

### Smart School Message Delivery

## Empower your campus broadcasting system

X-Sign Broadcast – a wireless broadcasting system that helps schools deliver important school announcements in text, video or audio formats to dedicated or all classrooms instantly or within a timeline, complementing school's PA system.
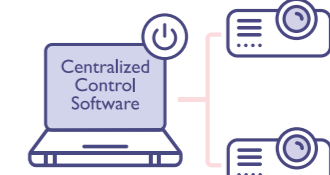
Image, Audio, Video files and Youtube videos

Document Files (PDF, PPT, EXCEL)

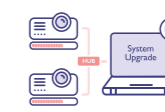Support Stored Files on Cloud Storage
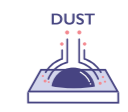
### Smart Management

## Hassle-free device management

With the unique DMS Local (Device Management System) and MDA (Multiple Display Administrator), schools can easily centralize projector control via a local network so that your IT administrators can manage all projectors from one central location. With IP5X-certified dustproof technology, it prolongs projector lifespan against hair, dust, and other particulate matter.

Over-The-Air (OTA) Updates

System Updates via Lan

Anti-dust Accumulation Sensor

IP5X-Certified Dustproof Technology