CP-AW3019WNM

INTERACTIVE PROJECTOR

ULTIMATE INTERACTIVE WXGA LCD PROJECTOR

The brilliantly intelligent interactive projector offers the highest quality images while maintaining the lowest possible cost of ownership. The interactive capability means any surface in your school or office is instantly transformed into a writing or annotation surface which can be used for interactive lessons, brainstorming, note-taking and collaboration.

Performance
- WXGA resolution (1280 x 800)
- 80" (2m) image from only 50cm*
- 3000 ANSI Lumens (Normal Mode)
- Full connectivity including HDMI
- Perfect Fit – adjust all four corners and sides of the image individually to achieve a square image
- Input Source Naming
- My Button
- Table top mount facility
- 16W speaker
- Anti theft features including:
– PIN-Lock
– MyScreen Lock
– Transition Detector
– Security bar

Cost of ownership
- Extended Hybrid Filter life: 4000hr cleaning cycle
- Extended lamp life: 4000hrs (Eco Mode)
- Virtually maintenance free
- Easy set up and installation - New on screen installation guide
- Power Saving Mode (ImageCare™)
- Wall mount included in the box

Advanced Network Features
- Full connectivity including 1 x RJ-45
- Optional wireless networking†
- Configure and control projector via network with a web browser
- Projector management via SNMP
- Content via LAN
- AMX Device Discovery
- Messenger
- Cloning function
- PJ Link™
- Network Bridge
- iOS Connectivity

Environment
- The extended Hybrid Filter life means reduced electronic waste and reduced maintenance visits, resulting in an overall reduction in carbon footprint
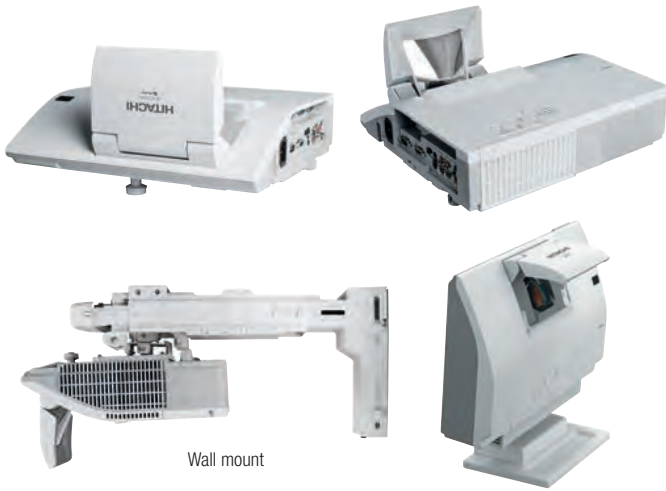- ImageCare™ - The combination of Eco and Saver Modes conserve energy

Hitachi have formulated an "Environmental Vision" to contribute towards building a sustainable society through business and product development.
Our goal is to develop life-enhancing technology that will contribute to and realise a truly sustainable society for current and future generations.

*From centre of mirror to screen.
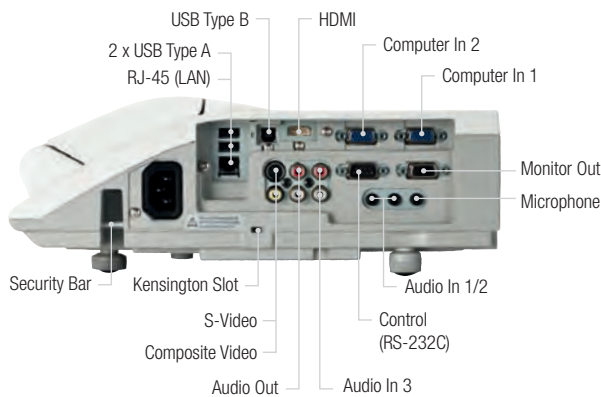†Wireless is optional on this model (USB wireless adapter sold separately).

www.hitachi.com.au/dps

HITACHI
Inspire the Next

CP-AW3019WNM

Wall mount

Table mount (optional)

USB Type B
HDMI
2 x USB Type A
RJ-45 (LAN)
Computer In 2
Computer In 1
Monitor Out
Microphone
Security Bar
Kensington Slot
Audio In 1/2
S-Video
Control (RS-232C)
Composite Video
Audio Out
Audio In 3

OPTICAL

LCD panel	0.63" (1.6cm) P-Si TFT x3
Resolution	WXGA (1280 x 800)
Light output (brightness)	3000 ANSI Lumens (Normal Mode)/2000 ANSI Lumens (Eco Mode)
Colour light output (colour brightness)	3000 ANSI Lumens (Normal Mode)/2000 ANSI Lumens (Eco Mode)
Contrast ratio	4000:1
Lens	Free shaped lens and motorised free shaped mirror
Lamp Wattage	250 W
Lamp life	2500 Hours (Normal Mode)/4000 Hours (Eco Mode)*
Focus distance	0.4m~0.7m (from mirror top to screen plane)
Distance to width ratio (:1)	0.3:1 (fixed)
Diagonal display size	60~100" (152~254cm)
Number of colours	8 Bit/colour, 16.7M colours
Keystone	Fixed, 6.1:-1 upward shift, Normal at 71.1° projection angle

COMPATIBILITY

Computer compatibility	IBM Compatible VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA (compressed), MAC 16"
Composite/S-Video	NTSC, PAL, SECAM, PAL-M, PAL-N, NTSC4.43
Component Video	525i(480i), 525p(480p), 625i(576i), 1125i(1080i@50/60), 1125p(1080p@50/60), 750p(720p@50/60)
HDMI	525i(480i), 525p(480p), 625i(576i), 1125i(1080i@50/60), 750p(720p@50/60), 1125p(1080p@50/60)
Plug & Play	DDC2B

FEATURES

Speakers	16W x 1 Mono
Basic functions	Freeze, Magnifying, Blank, Auto adjustment, Mirror reverse image, Up-side down image, Auto signal search
Picture adjustments	Digital Zoom x 1.35, Equalising Digital Gamma Correction, 2-3 pull down for NTSC, Progressive Scan, Noise reduction, Aspect selection 4:3/16:9/16:10/14:9/Native - dependant on source, Equalising colour temperature adjustment, Perfect Fit
Digital keystone	Horizontal ±5°, Vertical ±5°
Advanced features	Drawing function (optional wireless tablet TB-1 required), My Screen, My Memory, My Button by remote control, My Source, My Text, Picture mode (8 modes), Source naming (English), Resolution setting, Template, Saving mode, Audio pass through, Cloning, Audio sound mixing, Audio out (standby) and monitor out/selectable source with menu, Eco Mode (Normal, Eco, Intelligent Eco, Saver), Filter timer/selectable interval time, PC-less Presentation (JPEG, PNG, BMP, GIF, AVI, MOV), Stand-by Audio, On screen installation guide, iOS Connectivity
Outward	Easy Lamp replace from Top, Rear intake air filter
Power on & off	Direct on, Auto off, Auto eco mode
Security systems	PIN Security Lock, Myscreen Password Lock, Transition Detector, My Text Password Lock, Key Lock (key pad, remote control), Kensington slot, Security bar, Lens door lock
Network	Configure and control projector via web browser, Failure and warning alerts via e-mail, Scheduling, My Image (still image transfer display), Displaying text data transferred via the network, Command Control via network, Crestron RoomView® (not accessible through wireless adapter), AMX Device Discovery, Projector management via SNMP, PJ Link™, Network Bridge, Network Presentation (PC still picture transfer), MAC address on side, USB Display
OSD languages options	33, including: English, French, German, Spanish, Italian, Norwegian, Dutch, Japanese, Portuguese, Swedish, Russian, Finnish, Polish, Turkey, Arabic, Czech, Danish, Hungarian, Romanian, Slovenian, Croatian, Greek, Lithuanian, Estonian, Latvian

CONNECTIONS

Digital input	1 x HDMI (HDCP compatible)
Computer input	2 x 15-pin Mini D-sub
Monitor output	1 x 15-pin Mini D-sub
Video input	1 x RCA Jack (for composite), 1 x S-Video Jack, 2 x Component D-sub (shared with analogue computer in 1/2)
Audio input	2 x Stereo Mini Jack, 1 x pair RCA (L/R), 1 x Microphone Jack
Audio output	1 x pair RCA (L/R)
Control	1 x 9-pin D-sub for RS232 control
USB	2 x USB type A, 1 x USB type B
Wired network	1 x RJ-45
Wireless network	Option, IEEE801.11b/g/n ready (optional wireless adapter required)

POWER

Power supply	AC100-120V/220-240V, auto switching
Power consumption/standby	350W (AC220-240V)/<0.35W

PHYSICAL

Dimensions (W x H x D)	345 x 85 x 303mm (excluding feet and extrusions when mirror is closed)
Weight	3.8Kg
Noise level	37dB (Normal Mode)/30dB (Eco Mode)
Ambient temperature	Operating 0°C~40°C, Storage -20°C~60°C
Air filter	Hybrid

MISCELLANEOUS

Lamp indicator light, power light, ceiling mount image, rear projection image, serial number label on side, Tabletop use (optional stand is required)

CERTIFICATION

UL60950-1/ cUL, FCC Part15 subpart B class B, CE Marking: EN61000-3-2, EN61000-3-3, EN55022(class B), EN55024(EMC directive), EN60950-1 (Low voltage directive), WEEE/RoHS,/ErP(lot6) compliant, c-tick class B (Australia/New Zealand), GOST-R (Russia)

ACCESSORIES SUPPLIED

Remote control with batteries, RGB cable, power cord, cable cover, security label, user manual (detail & concise), application CD, wall mount (HAS-K250), adapter cover

OPTIONAL ACCESSORIES

Replacement lamp	DT01411
Table top stand	TT-251
USB wireless adapter	USB-WL-11N

WARRANTY

Projector warranty	5 Years
Lamp warranty	12 Months**

Throw distance (from the top of the lens)						
Screen size (diagonal)	H x V		a1	a2	b1	b2
	(m)	(m)	(m)	(m)	(m)	(m)
60" (1.5m)	1.2	0.9	0.096	0.373	0.281	1.196
70" (1.8m)	1.4	1.1	0.161	0.437	0.317	1.384
80" (2.0m)	1.6	1.2	0.225	0.501	0.352	1.571
90" (2.3m)	1.8	1.4	0.289	0.566	0.387	1.759
100" (2.5m)	2.0	1.5	0.353	0.630	0.423	1.947

3LCD **HYBRID FILTER** **HDMI** HIGH-DEFINITION MULTIMEDIA INTERFACE **AMX** DEVICE DISCOVERY

LAN **ImageCare**

*The stated lamp and filter life refers to the average life expected in ideal operating conditions with usage in accordance with the manual. The majority of, but not all lamps and filters should achieve this figure. **Where a lamp fails within warranty and a replacement lamp is taken, the warranty for the replacement lamp will be a maximum of 12 months (dependent on warranty hours stated). HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. AMX and the AMX logo, and Device Discovery are all registered trademarks of AMX. The specification above and photography is for reference only and may be subject to change.