

**HITACHI**  
Inspire the Next

ED-X20

A HIGHLY COMPACT AND AFFORDABLE 3LCD PROJECTOR, DELIVERING PERFORMANCE, OPTICAL ZOOM AND EXCELLENT CONNECTIVITY

Designed to help combat theft in schools, this education projector comes with a market leading range of security features. Functional, reliable and easy to use.

- 1500 (Normal Mode)/  
2000 (Bright Mode) ANSI Lumens
- XGA Resolution
- Full Connectivity
- Lightweight and Portable
- My Screen Memory Image Store
- Whiteboard/Blackboard/Greenboard

#### **Security Features**

- Pin Code Protected
- Transition Detector
- Customised Start-up Screen
- Ultra Destruct Labels



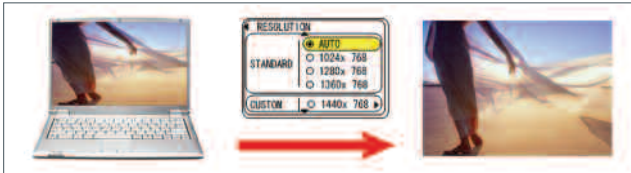
- **1500 (Normal Mode)/2000 (Bright Mode) ANSI Lumens** with optical zoom.
- **Full Connectivity** - 2 x RGB in and RGB monitor out with audio in/out and versatile video connections.



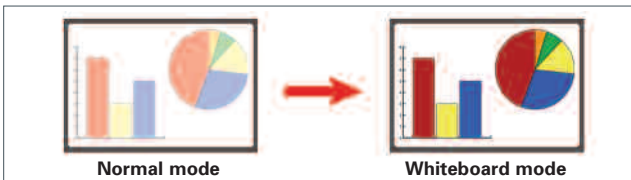
- **Quick Start and Instant Off** – These features are ideal for quick presentations. The image will appear in just 3 seconds after power on and the unit can be instantly powered off after a presentation.
- **Auto Vertical Keystone** – Just press the button for a perfect screen setting.
- **Input Source Naming** – The name of any input can be changed to one of your own choosing for easier use.



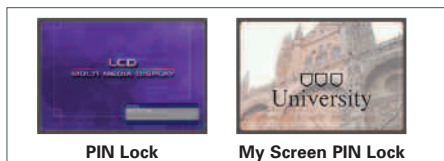
- **My Button** – There are 2 user programmable buttons on the remote control that may be set with any command. The user can set up these buttons from a simple, easy to understand menu.
- **Resolution preset** – This ensures special resolutions, such as WXGA will be recognised and resized and placed in the optimum position. Custom modes can also be stored to remember user's own resolutions.



- **Whiteboard/Blackboard/Greenboard Modes** – Images displayed on whiteboards may be too bright, whiteboard mode changes the gamma curve to reduce the peak white brightness allowing users to enjoy the benefits of a bright projector but reducing potential health and safety risks of looking directly into one. Blackboard/Greenboard modes provide better colour balance when projecting onto a coloured background.



- **Anti Theft Features** – ED-X20 has an impressive suite of anti-theft measures:



- Pin-lock is a means of in-activating the projector until a user preset key sequence is input
- 'My screen lock' allows users to personalise the start up screen with a warning or ownership message and lock this screen with a pin code number
- Transition detector that operates whenever the projection angle or settings are changed from the installed position – this is locked by a numeric pin code.

## ED-X20 SPECIFICATION

OPTICAL	
LCD Panel	0.63" P-Si TFT x 3 with MLA
Resolution	1024 dots x 768 lines
Brightness	Normal Mode 1500 ANSI Lumens Bright Mode 2000 ANSI Lumens
Contrast Ratio	500:1
Lens	F1.8-1.9, f=16.4-19.7mm, Manual Zoom x 1.2, Manual Focus
Lamp	160W UHB
Focus Distance	0.8-7.8m (Wide), 0.9m-9.3m (Tele)
Distance to Width Ratio (:1)	1.3 (Wide), 1.5 (Tele)
Diagonal Display Size	30"-300" (1.5m@60")

COMPATIBILITY	
Computer Compatibility	IBM Compatible VGA, SVGA, XGA, SXGA/SXGA+, UXGA Capability, MAC 16" (Pixelworks chip)
Video Compatibility	NTSC/PAL(-BGDHI)/SECAM/PAL-M,N/NTSC4.43 SDTV: 525i(480i), 525p(480p), 625i(576i) HDTV: 750p (720p@60Hz), 1125i(1080i@50/60Hz)
Plug & Play	DDC2B
Frequency Range	FV 50-120Hz, FH 31.5-106KHz

FEATURES	
Keystone Correction	6:1 upward shift, fixed
Speakers	1 x 1W
Other	MENU: 17 Languages (English, French, German, Spanish, Italian, Norwegian, Dutch, Japanese, Portuguese, Simplified Chinese, Korean, Traditional Chinese, Swedish, Russian, Finnish, Polish, Turkish), Freeze, Magnifying, Blank, Auto Adjustment, Search, Page Up & Down (for USB mouse function), Equalizing Digital Gamma Correction, Colour Balance, 2-3 pull down, Progressive Scan, Noise Reduction, Auto V Keystone +/- 30 degrees, MyScreen, My Memory, My Button, Blackboard/Whiteboard/Greenboard Mode, Input Source Naming (English), Easy Lamp replace from Top, Easy Filter Change with sliding system, Serial Number label on side, Quick On (3 sec), Direct On, Direct Off, PIN Lock, MyScreen PIN lock, Keypad Lock, Kensington Slot, Transition Detector

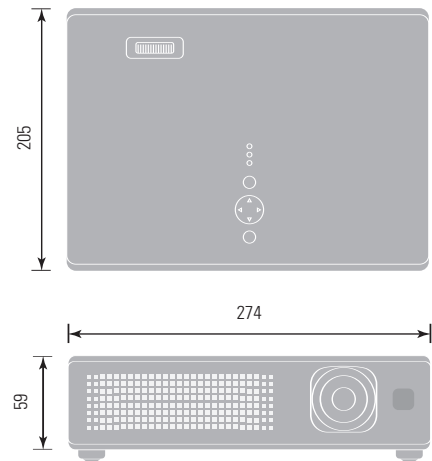
CONNECTORS	
Computer Input	2 x 15-pin Mini D-sub
Computer Output	1 x 15-pin Mini D-sub
Video Input	1 x RCA Jack 1 x 4-pin Mini DIN Component to be supported through Computer Input (15-pin Mini D-sub) with a special cable
Audio Input	2 x Stereo Mini Jack 1 x Pair RCA (L/R) (Selectable on OSD)
Audio Output	1 x Stereo Mini Jack
Control	1 x 9-pin D-sub for RS232C Control
Mouse	1 x USB for Mouse Control

POWER	
Power Supply	100-120/220-240V, 50/60Hz, 2.8A/1.4A
Power Consumption	250W

PHYSICAL	
Dimensions (W x H x D)	274 x 59 x 205mm (excluding feet and extrusions)
Weight	1.7Kg
Noise Level	29dB Normal Mode/35dB Bright Mode

CERTIFICATION	
	UL60950-1/C-UL, FCC Part 15, Class B, CE, EN61000-3-2, EN61000-3-3, EN55022, EN55024, EN60950-1, WEEE

OPTIONAL ACCESSORIES	
Replacement Lamp	DT00781



Unit: mm