

----- Interactive Whiteboard ----- Specification and Other Equipment Products

Infrared Interactive Whiteboard - (Aspect Ratio : 4:3 & 16:9)



CE FC



Infrared Interactive Whiteboard

- Infrared multi touch (2p, 4p, 10point), four people working at same time.
- Finger or any opaque objects touch
- New style – Intelligent Pen holder in side frame with four color pens
- Shortcut buttons
- 11 years Long lifetime for whiteboard
- Free upgrade software offer in lifetime
- **Option Items:**
 1. Speaker
 2. Multimedia all in one device
 3. Interactive tablet pad
 4. Camera Visualizer
 5. Short/Long throw projector
 6. Bracket for projector
 7. Movable Stand
 8. Mobile stand with the bracket of short throw projector



Interactive Whiteboard with **Mobile Stand**

Interactive Whiteboard Dimension & Software Features

Whiteboard Size

Size (Diagonal inch)	Inside size (unit: MM)		Outsize (unit: MM)	
	Length	Width	Length	Width
50"	982	655	1095	768
69"	1312	982	1429	1099
78"	1475	1145	1592	1262
82"	1635	1145	1755	1262
85"	1800	982	1918	1099
88"	1800	1145	1918	1262
96" (16:10)	1962	1145	2081	1262
96" (4:3)	1800	1312	1918	1429
100"	1962	1312	2081	1429
104" (16:9)	2128	1145	2245	1262
108" (16:9)	2327	1312	2444	1429
120" (16:9)	2615	1455	2770	1610

- Ø Standard accessories providing, as below.
- Ø Professional whiteboard software to make the classing or meeting vivid.
- Ø Free upgrade, provide Tang Hftouch download website.
- Ø Build a multimedia interactive learning environment along with projector, computer, and visualize..
- Ø Hand gesture recognizable, rotate, drag, page up/down, zoom in/out, easer.
- Ø Open platform, user defined source, no limited.
- Ø User can defined the shortcut, Annotation function on Microsoft Office PowerPoint and Word file
- Ø Video/ Audio recording, playback function.
- Ø Unlimited sources input in various file format, include images, flash, video files. Microsoft Office file.
- Ø Accurate synchronous with connecting computer.
- Ø Supporting the files of word, excel, ppt, pdf, cad, psd , cdr etc. and export files in jpg, bmp, pdf, ppt etc formats.

Whiteboard Software Features

- Ø Infrared matrix sensing technology.
- Ø Water pen, finger writing, or any opaque.
- Ø Electrical whiteboard with accurate positioning, no drift, no light dots, protect eyes.
- Ø Modular design, can realize the model of double screen, vertical and horizontal screen
- Ø Drive-free, easy maintenance.
- Ø Sleek, slim & 178 ° viewing angle, make the classroom efficiently use.
- Ø Multi input ports , compatible function with the various multimedia
- Ø Anti-abrasion, anti-scraping, easily clean.
- Ø Equipment with smart penholder for writing convenience.



Whiteboard Materials



Z series

ABS Plastic

Surface
Drawing ,
oxidation
treatment,
Standard
Titanium Gray



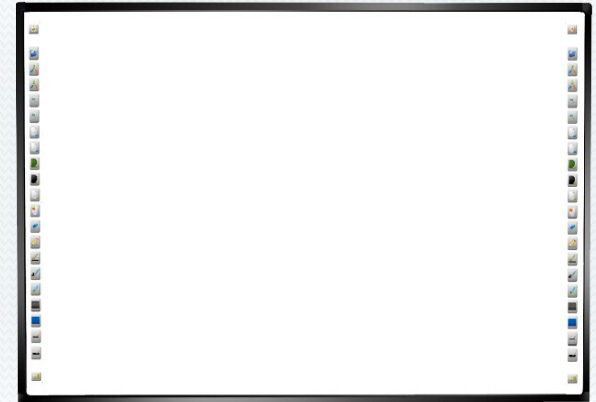
New Style:

- More humanity and modern design.
- Cost and Out-looking more competitive.
- Whiteboard software 5.0 series, more features and functions.
- Warranty: 3 years; Long lifetime.
- CE, FCC, ROHS compliance.

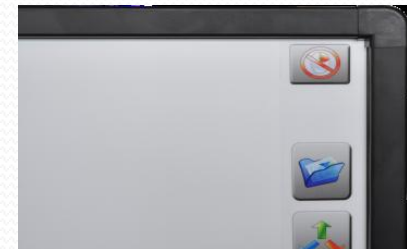
Board Material



Cold Rolled Steel Panel
Surface hardness reach to 7H, anti-damage,
can be written with normal pen and erase,
good Projected effects.



S series – Super Slim



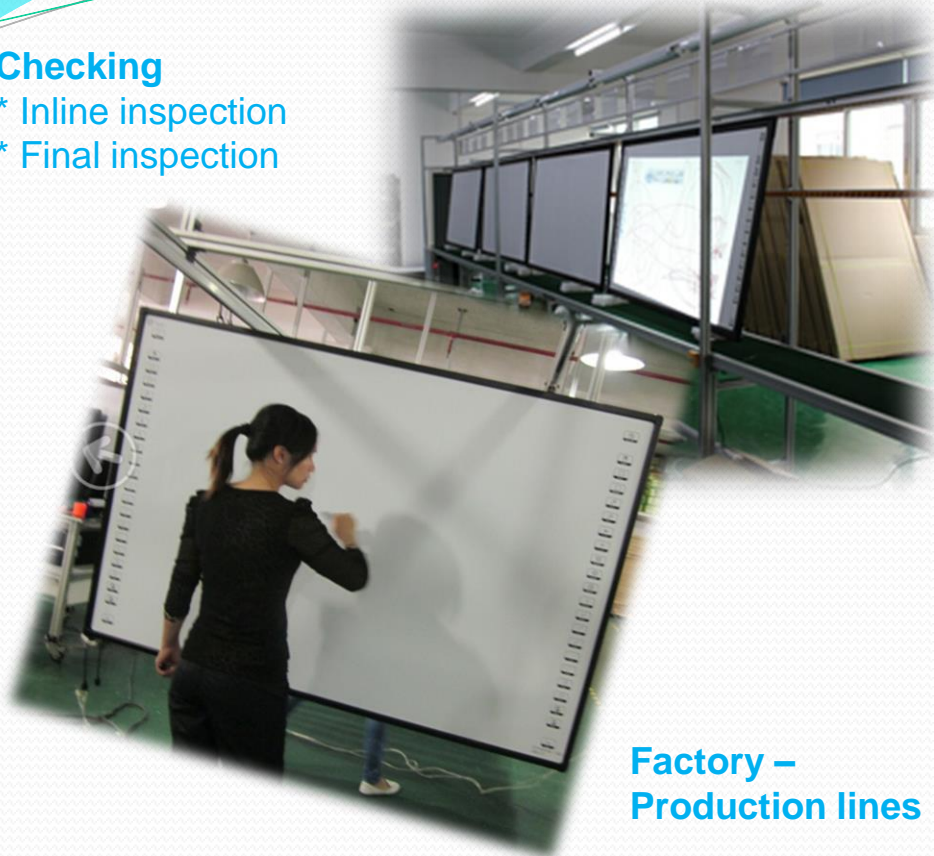
Intelligence Pen Holder








Factory & Whiteboard Accessories

Checking

- * Inline inspection
- * Final inspection



Factory –
Production lines

Item NO.	Item Photo	Quantity
USB Cable		1PC
Software Installation CD		1PC
Installation & User's Manual		1PC
Wall Mount Bracket		1set
Pen		4pcs



Computer Requirements and Package details

CPU	Pentium III 800 1GHZ processor (or faster recommended)
Memory	256MB of RAM (512 MB or higher recommended) for Windows 2007, 2008 512MB of RAM (1GB or higher recommended) for Windows Vista
Hard Disk	300MB free hard disk space
Display Color	16 color depth or above
Operating System	Windows 2007, Windows XP, Windows Vista (latest Service Pack recommended) Linux
Other Software Support	Microsoft 2007 or advanced (recommended installation); Internet Explorer 6 and latest Service Pack; Microsoft DirectX 9.0b or advanced Microsoft Windows Media Player 9.0 or more advanced; Adobe Acrobat Reader 5.05 or advanced.

82inch whiteboard Package details

Package Dimension: 1880*1480*110mm

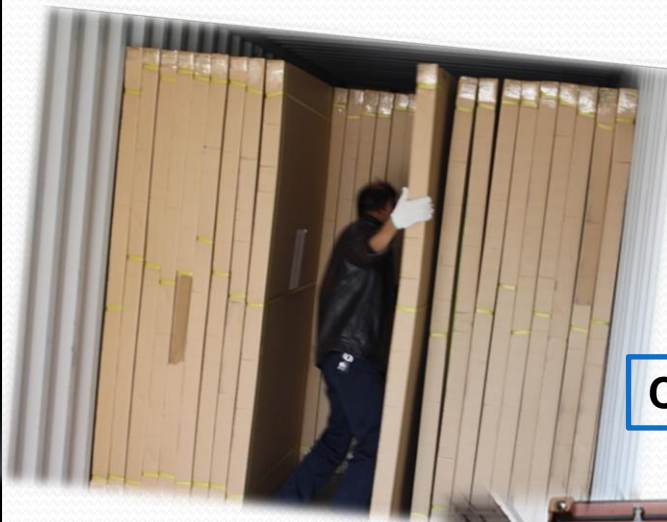
Volume (CBM): 0.34

Gross Weight (KGS): 35kg

Qty/20' container: 86pcs

Qty/40' container: 260pcs

Warranty:
Three Years



Container loading



Speaker

This speaker can be attached to the side frame of Interactive whiteboard as below picture



Power: AC ~ 220V/50Hz (customized)

Output Voice: 10W THD 10%

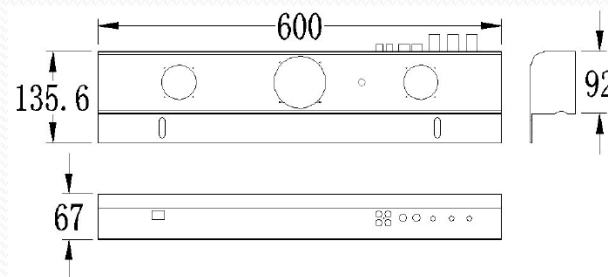
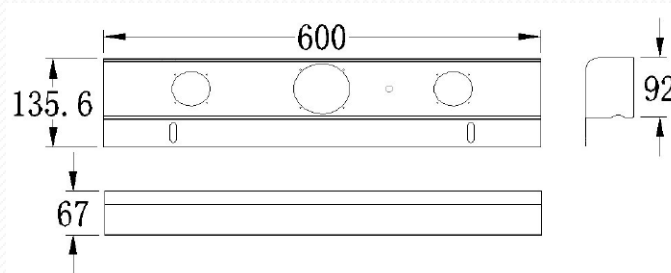
Power cables: VDE standard 1.8m

Package dimension: 100*60*270mm

Gross Weight: 1.5KG



Design sketch



Cables details

RCA Plug *2 2m



Stereo Ø3.5 + RCA Audio cable 5m



Multi-Media All In One

- Perfectly suitable for Interactive whiteboard
- Size & Color Customizable
- Built-in Speaker, Computer & Wi-Fi
- Support power supply management
- Wake on LAN



Specification

Computer Configuration	CPU	Intel ICP1037 dual core 1.8GHz; I3, I5 option
	chipset	Intel NM70 (Industrial mainboard)
	graphics display	HD Graphics (Intel Sandy Bridge, HD4000 core graphics)
	memory	4GB (8GB option), 1×SO - DIMM DDR3 1333MHz
	HDD	500GB; 320G, 1T option
	input & output	1×SIM card slot
		2×SATA port (supports 2.5inch SSD and 2.5 & 3.5" mechanical hard disk)
		2×MINI-PCIE (one for 2G, 3G and Wi-Fi, one for connection with electronic hard disk)
		6×USB 2.0 ; 2×VGA; 1xHDMI (O); 2x LAN
Built-in Speaker	WiFi	1 set of audio port (input & output)
		6×COM port, (COM2 and COM3 supports the switch between RS232 and RS485)
Operating system		Option
Power supply		Yes
Appearance		Windows XP, XPE; Win 7, Wes 7; Win 8; Linux, Win CE
working condition		DC 12V
		black color, color customized, Metal Case
Functions	temperature	0°C ~ 60°C
	humidity	0% ~ 95% (no condense)
Product Dimension	wake on LAN; power supply management	
	temperature management and voltage management	
Compliance	Fan speed monitoring	
	to be advised	
	CE, FCC, ROHS certificate	



Interactive Tablet Pad #108 – Wireless Pad



- **Wireless transfer**
- **It can be used for 128 students in same time. Operation software free offer!**
- **Widely use to education, classroom etc**
- **PU leather bag with 2 pockets as picture**
- **Colorful box package. 10pcs colorful box will be packed into 1 carton**

Specification:

Dongle receiver	Interface USB V2.0
Wireless Frequency	2.4G RF
Connector	USB connector, Mini Connector
Maximum Connection Numbers	128 wireless terminals
Wireless Transfer Rate	2MB/s
Effective Transmission Distance	>20M
Writing Area	250 x 200 mm (10" x 8")
Writing Display	Medium A4 sheet or on the board directly
	29.4*21cm
Positioning Technology	Interactive Pen Ultrasonic positioning
Interactive Pen refills	Common ball pen refill (plastic pen refill), Length 67mm, diameter 2.28mm
Button on the Interactive Pen	One button, as right mouse button
Size of Interactive Pen	Length 140mm and diameter 15.5mm
Power Consumption	Interactive Pen Operation <1.5MA; Standby <0.01MA
Pressure sensitivity	2048 levels
transmission rate	62 points cond
Positioning precision	0.10mm
Height of interactive pen	above writing board Maximum 50mm
Size of Writing Board	315 x 255 x 20 mm
LEDs of Writing Board Working status	LED is green and flickers while writing; Low power LED, red when low power
Buttons of Writing Board Reset (Wakeup)	22 soft keys for operation of application
Power Supply of Writing Board	2 x AAA (1.2V) batteries, 30 hours for consecutive usage if using 700mAh rechargeable batteries.
OS	Windows 7, 7, XP and Vista
Certificate	CE, FCC, ROHS



Package: 10pcs/carton
Package Dimension: 530* 330* 430mm
Gross Weight: 16.5KG

Above 500pcs, it can be customized the colorful box include picture and language!

Document Visualized Camera – Option 2



Features

1. High speed scanning, free offer the software.
2. Support editing the picture, save as PDF, text etc
3. 5megapixels camera, above 15frame/second (dynamic)
4. Support annotation for dynamic video on interactive whiteboard.
5. Laser positioning, no need the base flat.
6. Multi buttons, directly control all actions
7. Multi-USB ports, which can connect with video or memory card.
8. Automatically adjust focus.
9. Support multi-display.
10. Support dynamical input, and zoom in/out.
11. Support dynamical annotation, record, rotating and zoom in/out.
12. Support editing photos, same annotation etc.
13. Full screen video display function.
14. Freely mark by multi-lines, words and pictures, support recording and displaying
15. Scanning and Management function.
16. Support to create/delete/rename file. Support to drag file, automatically and continuously scan file and setting time.
17. Support scanning section; support multi-images folder with reader itself, and save as to PDF files.
18. Auto Iris, auto white balance, support USB digital output, support 90 degree rotation.
19. USB power <= 5W, week radiation, built-in high-strength fog light on the top.
20. Support full-screen video display, or 1, 2, 3, 4, 8, 16 screens display.
21. Software navigation include video visualize, document management, snapshot. image contrast, screen record, PPT slide.

Model No:	H600
Resolution	2592*1944
Camera	5 megapixels
Material	metal, foldable and vertical standing
Shout size	A3, A4, A5.
Image Color	24 bit
Scan speed	1 Sec
Picture format	BMP,JPG,TIF,PNG,GIF
Video format	WAV, AVI
Interface	USB 2.0
Transmission Speed:	Min. 20fps@1080P, 30fps@640x480
Operating Systems:	Windows XP/Win 7 /Win 8
Quality Stand	CE, FCC, ROHS

Document Visualized Camera – Option 1

Model		HF-10300
Product size	Working	330*277*80mm
	Fold	330*80*80mm
Resolution		1600*1200
Camera		3 megapixels
Material		Metal, can be folded and vertical stand
Shout size		A4
Image Color		24 bit
Scan speed		1 Sec
Picture format		BMP,JPG,TIF,PNG,GIF
Video format		WAV, AVI, MPEG4
Interface		USB 2.0
Transmission Speed:		Min. 20fps@1080P, 30fps@640x480
Operating Systems:		Windows XP/Win 7 /Win 8
Quality Stand		CE, FCC, ROHS



Package dimension:

463* 158*140mm

Gross Weight: 3.5KG

Short Throw Projector

Option 1 - Specification (DLP projector)



Native Resolution Chipset	0.55" XGA, 1024x768	Computer/component video in (Dsub-15pin)	VGA x 2
Brightness(Marketing))	3000LM	Monitor out (Dsub-15pin)	VGAx1
Brightness(Min)	2500LM	Audio in (mini jack)	Audio in x 1
Contrast Ratio(Typical)	3000:1	Audio out (mini jack)	Audio outx1
Throw Ratio (ANSI)	0.6	HDMI (1.3 w/ audio)	HDMI x1
lens offset	130%	USB Type mini B	USBx1
Projection Lens	F=2.6,f=6.9mm	Composite video in (RCA)	RCA x 1
Uniformity(Marketing)	85%	S-video in (Mini DIN 4 pin)	S-video x 1
Uniformity(Actual Min)-9Piont	80%	RS232C (DB-9pin male)	RS232x 1
Throw Ratio	80"@1m	PC Compatibility	VGA SVGA XGA SXGA WXGA UXGA Mac
Throw Distance	0.5~4m(64"~300")	Video Compatibility	PAL,SECAM,NTSC 4.43,PAL-M, PAL-N, 480i ,480p ,576i, 576p,720p,1035i,and 1080i
Aspect Ratio	4:3 (Standard)/16:9(Compatible)	Remote Control	Yes
Keystone Adjustment	+/- 40° (Vertical)	Lamp	240W
Noise Level	35dB (normal) / 32dB (eco)	Speaker(1W amp)	2W x 1
Special feature	Standard shutter 3D function	Standard Accessories	User Manual (CD), Power Cord, Remote Control & battery, VGA Cable, Warranty card, Qualified card,

Package Details:

Package dimension: 335*152*337mm; Gross Weight: 5.8KG; Qty/container: 3770pcs/40'HQ

Warranty: Six months for Lamp; One year for the device

The Bracket

For Short Throw Projector

• 1. Bracket length : 720-1200mm

• 2. Material: Aluminum + cold rolled sheet

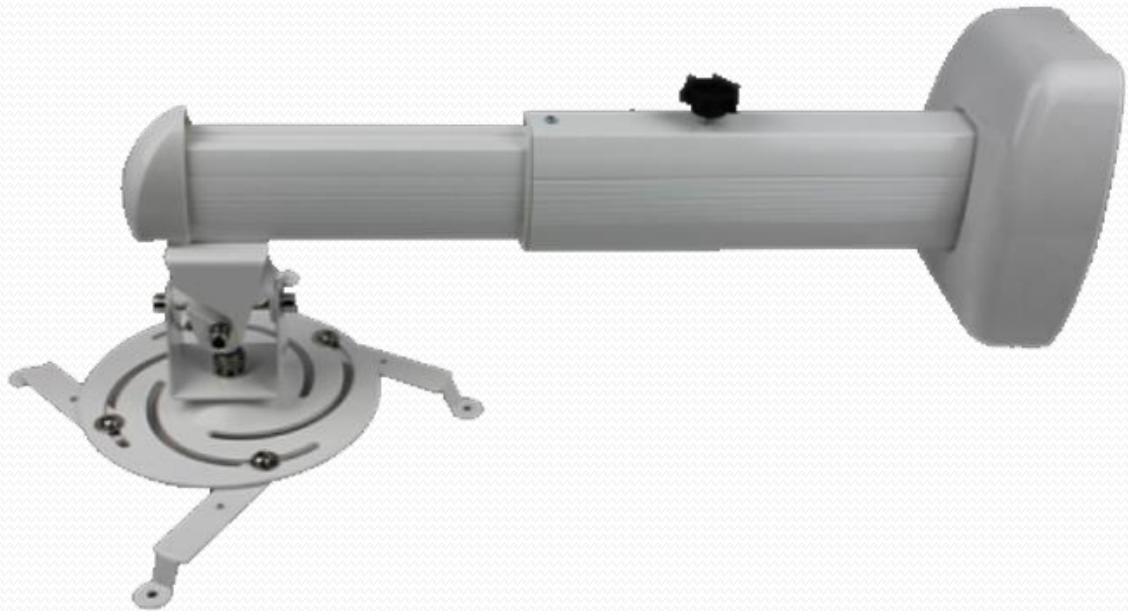
• 3. Maximum load: 15KG

• 5. Color: Silver / White (option)

• 6. G/W: 4.5KG

• 7. Carton GW: 28KG/6PCS

• Package Dimension:
105*38*35.5CM



Long Throw Projector

Option 2 - Specification (Display technology: DLP0.55-inch DDP2431)



Native Resolution Chipset	0.55" SVGA, 800x600	Color	BLACK
Display technology	DLP0.55-inch DDP2431	Input	VGA*2;S-video*1;Video*1,Audio in (mini jack),USB-B*1,RS232C*1
Brightness	2700 ANSI lumen	Output	VGA*1,Audio out (mini jack)*1
Contrast ratio	3000:1	PC compatibility	VGA, SVGA, XGA, SXGA, WXGA, UXGA, Mac
Uniformity	85%	Video compatibility	M4.43
Lamp	180w SHP		PAL: B, G, H, I, M, N; SCAM: M, 720, 576p, 576i, 480p, 480i
Lamp life	5000 hours (normal)	H-sync range	15 to 110KHz
Throw Ratio (ANSI)	1.97 ~ 2.17	V-sync range	50 to 80Hz
lens offset	130%	Power	240W (STD)/5W (Standby)
Focus Range	1.2m to 10m	Power supply	100 to 240V @ 50 to 60Hz
Keystone Adjustment	+/- 40° (Vertical)	Operating temperature	5 °C to 35°C
Aspect ratio	Native 4:3	Store temperature	-10°C~+60°C
Image size (diagonal)	23 to 300-inch	Speaker	2W x 1
Noise	30dB (normal) / 28dB (eco)	Special feature	Standard shutter 3D function
Projection method	Ceiling, front, rear	Standard accessories	user's manual, power cord, remote control and battery, VGA cable, Quick-Start Card

Package Details:

Package dimension: 340*152*340MM; Gross Weight: 5.8KG; Qty/container: 3770pcs/40'HQ

Warranty: Six months for Lamp; One year for the device

The Ceiling mount

For Long Throw Projector

• 1. Mounting distance : 430 - 650mm

• 2. Material: Metal with paint

• 3. Maximum load: 15KG

• 5. Color: Silver / White (option)

• 6. Adjustable Angle: 15 degree

• 7. Package: 20pcs/carton; GW: 30KG

• Package Dimension: 45.5*32*34CM



Thank You!

Feedback:

Any Inquiries please feel free to contact with salesman ,
welcome to visit us!

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