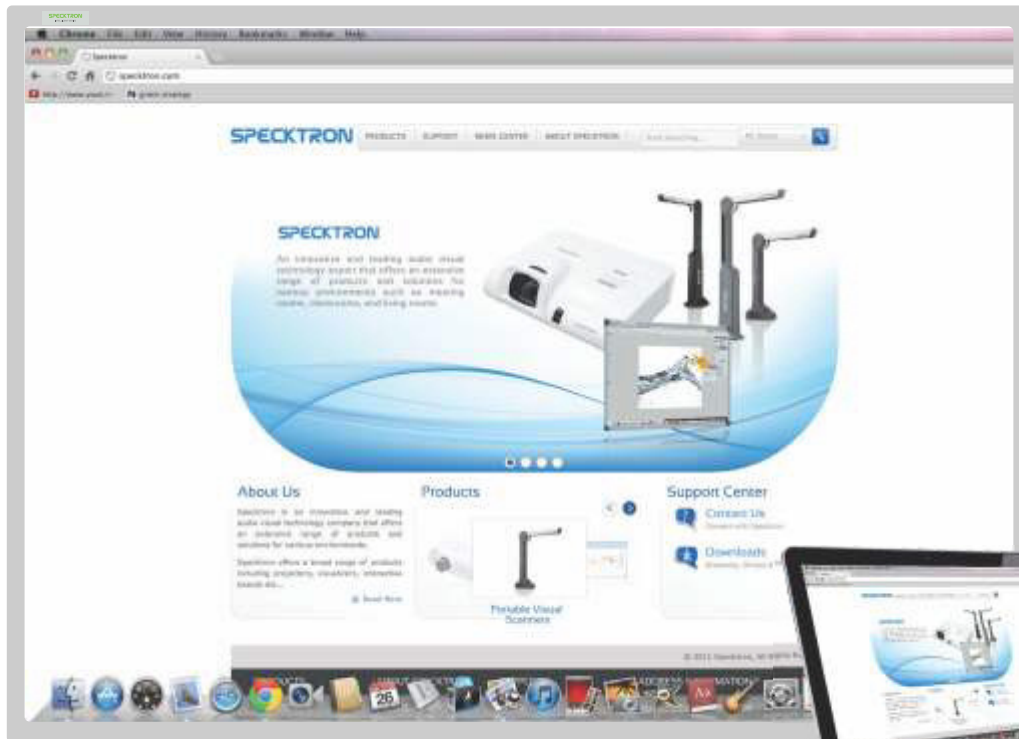


# Interactive Whiteboard & Software Solutions



Interactive Whiteboard & software solutions for schools and Universities  
Bringing liveliness in learning and teaching environments

Intelligent Series  
Compact Series  
Classroom Response System



## Compact Series - CS-100

Mobile Interactive Whiteboard

SPEKTRON Compact Series is a mobile interactive device which instantly turns a traditional whiteboard or even wall surface into an interactive whiteboard, using infrared and ultrasound positioning technology. The device makes any surface interactive with the help of an electronic pen which is supplied together with the board. It is optimized for both lectures and presentations. Now all your data can be saved, printed or even emailed in real time.



### Key Features

- Light weight and portable
- Hotkey strip for software tools short cuts
- Intelligent Series Software - Dual writing and educating software that allows full annotation
- Annotation tools
- High quality, fast speed, precise calibration, easy to mount

ITEMS	SPECIFICATIONS
Active Screen Size (mm)	21" - 125"
Technology	Infrared and ultrasonic
Ultrasonic frequency	40 KHz
IR Frequency	38 KHz
Radio Frequency	2,4 GHz
Resolution	4096 x 4096
Accuracy	1,5 mm
Interface to PC	USB 2.0 or 2.4GHz Wireless
Transmission speed	80 Points Per Second
Response time	over 200 Lines per Inch
OS Platform	Windows 7/Vista/ XP, Linux, MAC
Power Supply/Consumption	USB 5V, Operating: 50mA

## Classroom Response System - CRS-100

Interactive Voting System

SPEKTRON Classroom Response System is a powerful data collection and assessment tool that collects responses and improves productivity in schools, universities and office environments. It allows audiences to participate in presentations, lectures, competitions or game shows by submitting responses to the interactive questions.



### Key Features

- Supports over 500 Users
- 2.4G Wireless Transmission
- Single/ Multiple Answer Input
- Alphabet or Numeric Input
- User ID Registration
- Control Power Point slide Show
- User ID/Name Mapping
- Multi Channel
- LCD Backlight Display
- 4-Line LCD Display
- Instant Feedback
- User Friendly Software

ITEMS	SPECIFICATIONS
Dimensions	116mm(w) X 52mm(l) X 17mm(h)
Weight	140g (Without Battery)
Key Buttons	Instructor Keypad - 16 Buttons / User Keypad - 20 Buttons
Battery Requirement	Battery Size AAA 1.5 Volt X 2
Transmission Distance	Over 60 Meters
Power Saving Mode	Programmable & Auto Sleeping Mode
Wavelength	2.4GHz

### USB PC Receiver

ITEMS	SPECIFICATIONS
Dimensions	65mm(w) X 65mm(l) X 18mm(h) Exclude The Antenna
Power	DC 5V / Provided By Computer 110g
Weight	110g
Transmission Distance	Over 60 Meters
Receiving Angle	Receiving Angle 360
Connection	USB Port To Mini B Cable
RF Wavelength	2.4 GHz

## Electromagnetic Interactive Whiteboard

Our Electromagnetic Interactive Whiteboard promotes more fluent writing, accurate positioning, engaging, more interactive teaching and learning opportunities for users.



### Key Features

- Easy click to imitate mouse functions and activate Specktron Software in Windows mode;
- Front button enables to select or move pages, the back one enables to write or erase;
- Functions of each button can be customized;
- Write smoothly in any direction



MODEL	
	EMB-80
SIZE (CM)	168.6 X 127.6
THICKNESS (CM)	2
ACTIVE SCREEN AREA (CM)	159.8 X 118.8
ACTIVE DIAGONAL (CM)	199.1
ASPECT RATIO	4 : 3
MODEL (OPTIONAL)	L-EDUCATIONAL, E-BUSINESS
CONFIGURATION (OPTIONAL)	K-WITH HOTKEYS; J- WITH HARD HOTKEYS; W-SUPPORT MARKER PEN WRITING; B-WIRELESS CONNECTION MODULE

ITEMS	SPECIFICATIONS
TECHNOLOGY	ELECTROMAGNETIC
RESOLUTION	2130 X 1200
DPI	600
PRECISION	0.05MM
SIGNAL TRACKING RATE	8M/S (315P/S)
SIGNAL PROCESSING RATE	480 DOTS/S
SENSIBLE HEIGHT	2 CM, WITH THE CURSOR FOLLOWING THE ELECTRONIC PEN TIP AT THIS HEIGHT
POWER SUPPLY	WIRED OR WIRELESS CONNECTION; USB(<5V500MA)
POWER CONSUMPTION OF PEN	< 1.5W
CONNECTION	STANDARD: 5M USB CABLE OPTIONAL : 1) USB SIGNAL AMPLIFIER FOR 10M USB CABLE 2) WIRELESS MODULE (2.4G RF AND 25M TRANSMISSION DISTANCE)
CALIBRATION	4,9 AND 20 POINTS
OPERATING SYSTEMS	WINDOWS XP/2003/VISTA/7, LINUX, MAC 10.X
WORKING ENVIRONMENT	TEMPERATURE: 40°C - 60°C HUMIDITY: 0% -95%
SOFTWARE VERSION	SPECKTRON INTERACTIVE SOFTWARE
SURFACE MATERIAL	WITH SPECIAL NANOTECHNOLOGY, HIGH LUMINANCE, ANTI-SCRATCH, EASY TO CLEAN
WARRANTY	SEE WARRANTY DOCUMENTS FOR DETAILS
PEN TRAY	OPTIONAL
INSTALLATION	WALL MOUNTING, CABINETS, AND STAND MOUNTING
CERTIFICATIONS	CE, FCC, ROHS, ISO 9001, ISO 14001, ISO 14021

\*Specifications and features herein are subject to change without notice.

## Intelligent Series - IRB-78 DT

Dual Touch Interactive Whiteboard

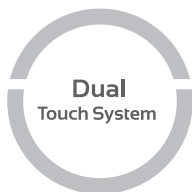
SPECKTRON INTELLIGENT SERIES IRB-78DT is an interactive whiteboard solution which enables two users to write and draw simultaneously. Users can write, draw and move objects with a finger, stylus or even a pointer. The board easily connects to a computer through a USB 2.0 interface or optionally with wireless radio technology.

IRB-78DT is an ideal tool for the any educational, corporate, or professional teaching or training environment. The board is based on Infra-red technology and has Dual Touch recognition.



### Key Features

- Dual-Touch-two users can write simultaneously without the need of multiuser mode settings
- Multi-Touch Recognition
- Anti-Glare porcelain enameled steel surface
- Multipurpose- combines the possibility to control applications with many interactive tools using finger, pointer and stylus or even use the board for writing with traditional dry erase marker
- Hotkey strip for software tools short cuts
- Intelligent Series Software - Dual writing and educating software that allows full annotation
- Annotation tools
- High quality, fast speed, precise calibration, easy to mount



Write With Pen



Move With Finger



Erase With Palm

ITEMS	SPECIFICATIONS
Active screen area size:	78" (1988,6 mm) diagonal
Technology	IR (Infrared)
Aspect ratio:	4:3
Resolution:	12800x9600
RF (radio frequency)	2,4 GHz
Board size without packing:	1693 x1284x31 mm (width x height x depth without plastic pen tray)
Interface Type	USB 2.0 / 2,4 GHz RF Wireless (optional)
Cable Length	6 m
Working Environment	-20 to 40°C
Response time:	6ms
Power supply:	USB DC 5V from PC (optional wireless PC receiver and USB adaptor /220V)
Temperature Range	-20 to 40°C, storage temperature - 40 to 70°C
Humidity Operating	30-90% non condensing, storage 0-95%, non condensing
Platform:	Windows 7, XP and Vista, Linux, MAC

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