



ALL-IN-ONE
INTERACTIVE SOLUTION

Raptor Smart Classroom Solution

The journey of Raptor Hardware began in 2010, with the ultimate aim of harnessing the power of technology in shaping the future by bringing in cutting-edge technology, equipment and resources to meet the requirements of different sectors like education, business and e-commerce.

We majorly deal with Interactive whiteboards (IWB) and Interactive flat panels (IFP). All our eminent products come under the well-established brand name 'Raptor' that has created a niche for itself in the education industry, through its quality educational solutions that help create dynamic learning environments. We are delighted to have more than 10,000 classrooms installed with Raptor's interactive solution.

We have a highly skilful technical team of professionals well trained in setting up of smart environments for schools and businesses. Our unrivalled commitment to customer service has established us as one of the best and most trusted in the industry through our services that are flexible, time efficient and user friendly.



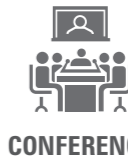
TEACHING



TRAINING



MEETING



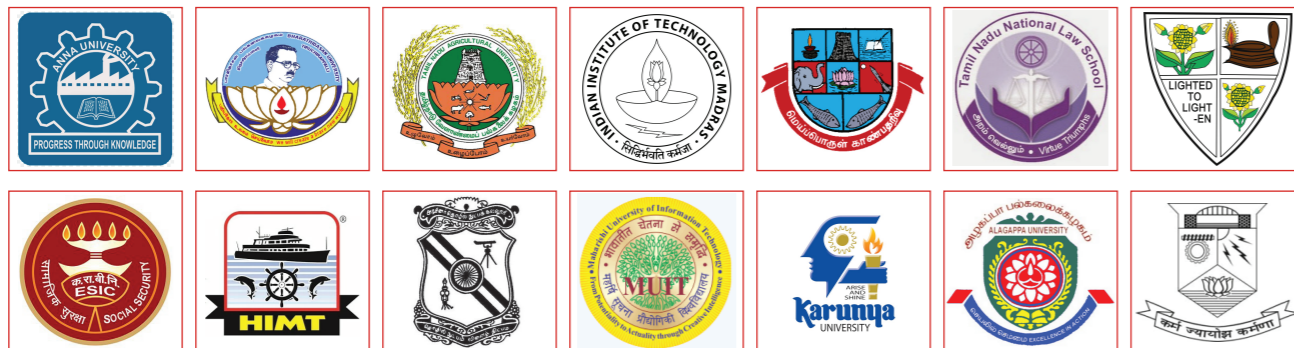
CONFERENCE



PRESENTATION



Our Predominant Clients



PLUG-IN
OPS PC



BUILT - IN
ANDROID



MULTIPLE OS
COMPATIBLE



COLLABORATE
WITH MULTIPLE DEVICE



ANNOTATION
OVER CONTENT

**Classrooms, Board Rooms, Training Rooms make way for an irresistible Clutter Free
Replacement of the traditional white board-projector based rooms**

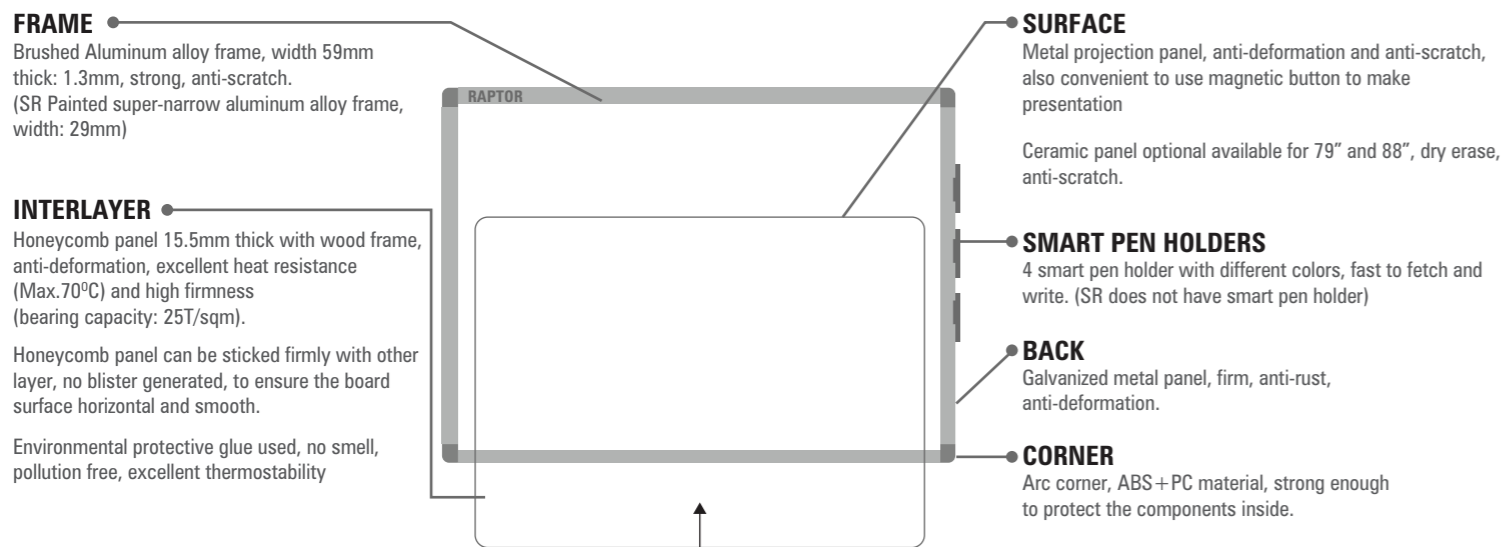
INTERACTIVE WHITEBOARD (IWB)

TOUCH BASED

RYTC080



STRUCTURES



SPECIFICATIONS

Sensor Type	Infrared Technology
Calibration	4 Points
Resolution	32768*32768
Power Consumption	<=70mA
Cursor Speed	180dot/s
Transmission Speed	12m/s
Scanning Speed	First point: 16ms, continuous points: 8ms
Working Temperature	-20°C to +60°C
Working Humidity	10% to 90%
Position Precision	<=0.1mm
Surface Material	Metal projection panel for front, Galvanized metal panel for back
Position Precision	USB Cable or Wireless Module
Power Supply	USB power less than 5V/100mA
Operating Systems	Windows XP, Windows 7, Windows 8, MAC, Linux, Vista

FEATURES

- Plug-and-play for windows system Modular structure design, easy to assemble and maintain.
- Wireless module optional.
- Patented synchronizing multi-scanning technologies, true multi-point writing.
- 10 Points Touch (different users at the same time.)
- Improved algorithm and optimized structure with better performance.
- Eye-catching design with qualified aluminum alloy frame.
- Patented self adaptive hardware and firmware technology, with excellent anti-light performance and excellent resistance to deformation of the board.
- Serial bus connection technology, easy to assemble and maintain.

INTERACTIVE FLAT PANEL (IFP)

PANEL FEATURES	Model : RP65, RP75, RP86 Series
Resolution	3840(H) x 2160(V)
Display Color	1.07 Billion Colours
Pixel Pitch	0.430(H)*0.430(V)
View Angle	178°(H/V)
Speaker output	15W x 2
INPUT & OUTPUT PORTS	
VGA Input	1
Multi-Media USB	5
HDMI Input	2
DP Input	1
Rs232	1
RJ-45	2 (1input & output)
Touch input	2
Audio Input	1
Bluetooth 5.0	1
WIFI	Dual WIFI (5G & 2.4G)
SPDIF	1
MIC	1
Ypbpr Input	1
AV Input	1
AV Output	1
Earphone	1
TOUCH SCREEN	
Touch Resolution	32768 x 2768
Touch Accuracy	1mm
Annotation	Yes
Response Time	< 5ms
Palm Detection	Yes
Pen and Touch Differentiation	
OS Compatibility	Windows 10/8/7/XP/Linux/Mac/Android/Chrome
ANDROID	
OS Version	Version 8.0
CPU	1.5GHz Dual-Core A73 and Dual-Core A53
GPU	Quad-Core MaliG51
Flash	32GB EMMC5
RAM	4GB DDR4
Touch	20 points
OPS PC	
CPU	Intel Core i5
Memory	8GB
SSD	256GB
USB	5 (3*3.0: 2*2.0)
VGA	1
RS232	1
DP	1
HDMI	2
RJ-45	1
Audio Out	1
MIC	1
WIFI	1
POWER SUPPLY	
Input voltage	AC:100~240V 60/50HZ
Standby	≤ 0.5W
Environmental factors	Working Temperature : 10°C~40°C Working Humidity : 10%~80%

SIZES

Diagonal Size	65 inches	75 inches	86inches
Dimension (L*H*D)	1486 x 909 x 89.9mm	1707 x 1034 x 90.6mm	1970.1 x 1184.7 x 104.1mm
Net Weight	39.5kg	53.8kg	107kg
VESA Wall Mount	500mm*400mm	600mm*400mm	600mm*400mm
Power Required	≤ 230W	≤ 300W	≤ 400W

FEATURES YOU WOULD LOVE TO WORK WITH

SCREEN CAST



An ultimate experience in screen sharing. Create, write or share files and videos directly from your screen or make changes to share in real time.

4K DISPLAY EXPERIENCE



Clear and sharp picture with enhanced visibility from a wide angle, with the optically bonded glass layer.

MULTI-TOUCH RESPONSIVE



More hands on interaction with upto 10 touch points. Enhances user experiences in collaboration and team work.