



Enterprise Series

Virtual Classroom with Smart Class Solution

MODEL: VSC 65

VSC 65

Application Areas

Schools - Colleges - Universities

Board Rooms - Auditoriums - Conference Rooms

Ops Rooms - Training Rooms etc.



Digital Teaching Device Solution

Model: VSC 65

Technical Specifications

Digital Podium	
Type/ Mounting	Free Standing, Wheel Mounted
Construction	1.6mm CRCA steel sheet, screw less chassis, polymer powder coated steel body, Wooden Top, all directional wheels with lock. No ports/wire exposed while the Podium is locked and not in use to avoid any kind of breakage or mishandling, Cooling Fans in lower body
Display	
Monitor	Highly sensitive, built-In Interactive Touch Monitor with tilt facility and mechanism to make the panel stable to avoid any kind of shake while writing.
Screen Type	Color LED
Size	21.5" (54.61 cm)
Resolution	1920 x 1080 (Full HD) / 4000 Lpi (lines per inch)
Computer Interface	USB, VGA/DVI/ HDMI
Aspect Ratio	16:9/ 16:10
Response Time	5 ms
Viewing Angles	170(H) ; 160(V)
Touch	Finger and Stylus
Reading Accuracy	±0.5 mm (center)
Pen Pressure Sensitivity	2048 Levels
Tracking Speed	200 points / second
Speakers	Inbuilt in display panel
Controller	
Features	Touch pad keys, VGA, Volume Control, Power On/Off, Projector/Display On/Off, Mute, External PC input
I/O Ports (on Front Panel of the Cabinet)	Power socket to give power to external devices, VGA IN, USB 3.0 x 2, HDMI IN, Computer Audio IN
LAN Connection	RJ45 LAN port
Source Selection	Switch to toggle between various sources for the output on the projection screen through a touch panel
Audio System	
Wireless Microphone System	Hand held Microphone x 1, Lapel Microphone x 1, Wireless Microphone Receiver x 1 (10 meter range)
Gooseneck Microphone	21.5cm Phantom powered (no requirement of batteries thereby eliminating consumable cost) Permanently polarised condenser, highly directional featuring hypercardioid / lobar directivity Gooseneck Microphone with XLR output, ON/OFF switch and LED light indicating ON/OFF status.
Amplifier and Speakers	100W RMS Amplifier and two speakers of 50W RMS each
System Details	
CPU Housing	Small form factor, 2L volume
Processor	Intel Core i3, 3.4 GHz, 7th Generation Processor, 6 MB Cache
Memory	4 GB (upgradable upto 32 GB)
HDD/ Storage	1 TB
Ports	HDMI x 1, Display Port x 2, USB 3.0/3.1 ports x 6, LAN Port x 1
Wi-Fi	Built in Wi-Fi / Wireless LAN Card
Keyboard and Mouse	Wireless Keyboard and Mouse provided
Operating System	Windows 10 Professional (Preloaded)
Power	
Power Supply	100 - 240V, 50Hz, AC
Power Consumption	120 Watt (Max)
Environment	
Operating Temperature	5°C ~ 40°C, 90% RH at 40°C
Weight	90 kgs. (Approx.)
Space Management and Security	A dedicated sliding space to house CPU/Laptop with Security Lock, Sliding Shelf housing for visualizer with connectivity, Space for Keyboard and mouse. Integrated authentication System having RFID, Password protection & Physical Key for secure access to system.
Software Feature	Annotation Features like draw, choose, pens, annotate, erase, color, shapes, sizes, text, edit, fonts, stamp, move, capture picture, video, save, rotate, undo, image gallery, print, floating keyboard, background etc. Network classroom feature to conduct remote teaching by having interaction through all the three types of media Audio, Video and Text.

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Portable Visualizer		
Camera		
Image Pick-up Device		CMOS sensor
Effective Pixels		1920 x 1080
Frame Rate		30 FPS
Resolution	RGB Output	HD (1920 x 1080)
Computer Interface		USB
Optics		
Optical Zoom		12x
Digital Zoom		10x
Shooting Area		A4 (210 x 297 mm)
Focus		Auto Focus
Functions		
Rotation	Image	Provided
	Camera	180° (Horizontal) / 180° (Vertical)
Software Feature		Annotation Features like draw, choose, pens, annotate, erase, color, shapes, sizes, text, edit, fonts, stamp, move, capture picture, video, save, rotate, undo, image gallery, print, floating keyboard, background etc. Network classroom feature to conduct remote teaching by having interaction through all the three types of media Audio, Video and Text.
Lighting		
Lighting Source	White LED	

Display 65"	
Backlight	LED (Backlit)
Panel Technology	IPS
Active Screen Size (Diagonal)	164 cm (65 inches)
Display Colors	1.07B (10 bit)
Aspect Ratio	16:9
Resolution	1920 x 1080 (Full HD)
Brightness	600 cd/m ²
Contrast	15000:1
Video / Audio System	PAL / NTSC / SECAM
AV Inputs / Outputs	HDMI x 4, HDMI Out x 1, USB B-Type x 4 for touch, VGA x 1 (shared with HDMI 4), Audio In for VGA Port, Micro SD Card Slot, USB 3.0 x 2 (one for PC and One for android), USB 2.0 x 2 (One for PC and One for Android), DP Port x 1, AV x 1, Ear phone x 1, SPDIF x 1, LAN Port IN x 1 for Android, LAN Port Out x 1, Wireless LAN Support with dongle
Communication Port	RS232C / LAN
Speaker Output Power	25W x 2
Media File Format Support	Video: MPEG1, MPEG2, MPEG4, H264, RM, RMVB, MOV, MPEG, VC1, Divx, FLV (Support 1080P HD Decoding) Audio: WMA, Mp3, M4A, (AAC)
Power Consumption	Maximum < 450W; Standby Mode ≤ 0.5W
Working Voltage	230V AC +/- 10%, 50 Hz
Duty Cycle	24 x 7
Viewing Angle	178:178 (Horizontal / Vertical)
Presentation Solution (Optional)	Can connect to external gadgets (Microsoft / Android / iOS) wirelessly (draws power internally, without any external power source)
Annotation / Signage Software	Annotation Features like draw, choose, pens, annotate, erase, color, shapes, sizes, text, edit, fonts, stamp, move, capture picture, video, save, rotate, undo, image gallery, print, floating keyboard, background etc. Network classroom feature to conduct remote teaching by having interaction through all the three types of media i.e. Audio, Video and Text
Touch	
Touch Surface	Anti Glare Toughened Glass
Touch Sensor	IR
HID Support	Available
Touch Points	10 points touch
Writing Tools	Pen or Finger
Storage Conditions / Packing Information	
Working Temperature / Humidity	5° C ~ 40° C / 95% RH at 40°C
Mounting	Wall-mounted / Stand (Optional)
Outline Dimension	1554 x 924 x 98mm (L x H X D)
Packing Dimension	1690 x 1070 x 270mm (L x H x D)
Net Weight	72 Kg
Gross Weight	92 Kg
Standard Accessories	Power Cable, VGA Cable, USB Cable, Audio Cable, User Manual, Remote Control, Wall-mount bracket

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Special Features	
<ul style="list-style-type: none"> - Easily accessible ports in front panel - Auto selection of new source when detected - Single click source selection on remote control - Scheduled Power On/Off - Single click screen capture - Child Lock Setting - Energy Saving Setup - USB Port Lock and background setting for Android - Smart Eye Protection change screen brightness based on ambiance of light - Audio only feature 	

Video Conferencing Camera	
Sensor	1/2.8 inch 5MP CMOS sensor
Video System	1920 x 1080p @ 30/25 fps, 1280 x 720p @ 60/50/30/25 fps
Zoom	10x digital zoom & 12x optical zoom
View Angle	6.3° (wide)~ 72.5° (tele)
PTZ Control Protocol	Provided
PAN Rotation Angle	-170° ~ +170°
Tilt Rotation Angle	-30° ~ +90°
Pan Rotation Speed	0° ~ 120° /s
Tilt Rotation Speed	0° ~ 45° /s
Preset	10
Video Compress Format	H.264,H.265
Control Port	RS232 / RJ45 / USB2.0
USB Port	USB 2.0
Noise Reduction	2D and 3D
SNR	>50dB
Aperture	Auto / Manual
Minimum Lux	0.1 lux
Audio Compress Format	AAC,MP3,PCM
White Balance	Auto/Manual/One Push/ 3000K/ 4000K/5000K/6500K
Focus	Auto / Manual
Iris	F1.8 ~ F2.4
Electronic Shutter	Auto / Manual
Video Interface	3G-SDI
Network Interface	100M network interface (10/100BASE-TX) 5G WiFi (optional), Support VISCA protocol control through IP port
Network Protocol	RTSP,RTMP,ONVIF,GB/T28181
Video Adjustment	Colour, Brightness, Contrast, Saturation, Gamma curve Sharpness
Input Voltage	Amend to DC 12 V (Through Adapter)
Dimension (W x H x D)	148mm x 132mm x 161mm
Net Weight	0.9 kg
OSD Menu	Yes
Full Functional Remote Control	Available
Accessories	Remote control, User Manual, Power supply adapter, RS232 cable

Wireless Speaker with Microphone	
Wireless Communication Technology	Bluetooth
Connectivity	Wireless
Battery Life	upto 15 hrs
Speakers	2 x 5W inbuilt speakers
Microphone	Inbuilt with 10 meters range
USB Port	USB 2.0
Features	<ul style="list-style-type: none"> - Bluetooth connection to: Mobile devices headset and PC - Noise canceling circuit - Rechargeable battery

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Online UPS	
Power	1000 VA
Battery Backup	30 minutes
Casing	Provided

Green Board	
Size	65 inches diagonal

*Due to continuous product development, the specifications may change without prior notice.
**Product image(s) are for illustrative purposes only and may differ from the actual product.

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