

महात्मा फुले शिक्षण संस्थेचे,
कर्मवीर भाऊराव पाटील कॉलेज, उरूण इस्लामपूर
ता. वाळवा जि. सांगली ४१५४०९

टेंडर नोटीस

सन २०२४-२०२५ या वर्षासाठी १. संगणक व प्रिंटर २. इंटरऑक्टिव पॅनेल
३. स्टेशनरी साहित्य खरेदी ४. सॅनिटरी साहित्य खरेदी ५. विविध विभागातील
प्रात्यक्षिकासाठी आवश्यक रसायने, उपकरणे व साहित्य खरेदी करणेचे आहे. याबाबतची
तपशीलवार माहिती कॉलेजच्या www.kbpislampur.com या संकेतस्थळावर उपलब्ध
आहे. तरी पात्र, अनुभवी पुरवठादारांनी आपली टेंडर्स सीलबंद लखोटयातून कॉलेजच्या
पत्यावर समक्ष किंवा रजिस्टर ए.डी./स्पीड पोस्टाने दि. ०९/१२/२०२४ पर्यंत
पोहोचतील अशा रितीने पाठवावीत. लखोटयावर आपला पत्ता व दूरध्वनी क्रमांक नमूद
करून त्यावर या साठीचे टेंडर असे ठळक अक्षरात लिहावे. टेंडर नाकारणेचा
अधिकार प्रशासनाने राखून ठेवलेला आहे याची संबंधितांनी नोंद घ्यावी.

दिनांक - ३०/११/२०२४


प्राचार्य

कर्मवीर भाऊराव पाटील कॉलेज,
उरूण इस्लामपूर



MAHATMA PHULE SHIKSHAN SANSTHA'S
KARMAVEER BHURAO PATIL COLLEGE, URUN-ISLAMPUR
TAL-WALWA, DIST-SANGLI-415409

Phone No. — 9145005614
Email ID — kbpislampur@gmail.com
Website — www.kbpislampur.com

Tenders are invited through Tender process from leading suppliers for Supply of **Stationary Material, Sanitary Material, Practical Chemicals and Apparatus, Computers & Printer and Interactive Panel.**

Non Refundable Price (Fees) of fender

1. Tender Fee Rs.1000/-
2. Date of download of tender document : 30/11/2024 to 09 /12/2024
4. Last date and time of submission complete tenders 09/12/2024@4.00 pm

Address for communication:

Email ID kbpislampur@gmail.com




Principal

KARMAVEER BHURAO PATIL COLLEGE URUN-ISLAMPUR
TAL-WALWA, DIST-SANGLI-415409.

Phone No. — 9145005614

TENDER NOTICE

MAHATMA PHULE SHIKSHAN SANSTHA'S

Karmaveer Bhaurao Patil College, Urun-Islampur
Tal-Walwa, Dist-Sangli-415409

Tenders are invited from Govt. Certified Branded companies through tendering process. Following **five items** will be purchased through tender for our college as per demand in Maharashtra State.

- 1. Computers & Printer**
- 2. Interactive Panel**
- 3. Stationary Material,**
- 4. Sanitary Material**
- 5. Practical Chemicals and Apparatus.**

The detail information of tender such as tender fees, terms, conditions and technical specifications of the tender process will be available on our website www.kbpislampur.com. Tender must be submitted offline to the address up to 09/12/2024, 4:00 pm.




Principal

Karmaveer Bhaurao Patil College,
Urun-Islampur

TERMS AND CONDITION

1. The EMD is Rs.5000/- be paid as EMD by only any nationalized Bank. D. D of in favor of Principal, Karmaveer Bhaurao Patil College, Urun-Islampur will be submitted by hand / Speed Post at Karmaveer Bhaurao Patil College & details of D.D. should be fill offline for approval.
2. The EMD of the dealers/channel partners will be returned to them if their tender is rejected. The EMD of other companies whose tender is accepted will be returned after 90 days of date of agreement with Principal, Karmaveer Bhaurao Patil College, Urun-Islampur and no objection certificate of concern branches where supply of computer and computer peripherals is done.
3. The Security Deposit 5% of estimated amount at the time of agreement should be submitted.
4. All the prices mentioned in the tender must include All Taxes, Installation and Transportation (including delivery in respective branch).
5. The Vendors who are under composition scheme of GST could not participate in this tender process.
6. The vendors ought to mention separate GST in their Bills.
7. Vendor Annual Turnover must be round about 05 lakhs for last 3 Years
8. The vender participating should be capable of implementing the complete solution at later stage.
9. Items are mentioned in the tender, dealers/channel partners can quote any or all brand. We required only one or any brand. Warranty Mentioned in Technical Specification will be 03 business days on site comprehensive.
10. The dealers/channel partners whose tender is selected has to fulfill all the term & conditions and provide the services during warrantee period and the same agreement should be written on Rs. 500/- stamp paper within 5 days to Principal, Karmveer Bhaurao Patil College, Urun-Islampur.
11. No payment in advance would be paid at the time of order.
12. The items ordered must be delivered as early as possible from the date ot order. If the items are not delivered in time, the order will be cancelled without any intimation.
13. If delivery is not given as per purchase order and as per agreements penalty will be charged per day @ 2% of purchase order amount.

14. Karmaveer Bhaurao Patil College will cross verify the supply product then Karmaveer Bhaurao Patil College will make the payment. If any malpracticing found then vender contract will be terminated and blacklisted.
15. The prices of the items decided will be valid for stipulated time.
16. The prices, the rules and the conditions will be same for all the branches of the Karmaveer Bhaurao Patil College.
17. The tender of that dealers/channel partners will be accepted whose prices are lowest from the particular make (specified brand and specifications) accepted in tenders.
18. The Karmaveer Bhaurao Patil College, is not bound to accept all the prices of the tender of any one company only.
19. The Karmaveer Bhaurao Patil College, Urun-Islampur will check all the items supplied by the dealers/channel partners in branches as per the purchase order and after satisfactory installation and testing report of Karmaveer Bhaurao Patil College that time 90% of the amount as per the order *will* be paid by cheque and remaining 10% of the amount as per the order after completion of 30 days of final satisfactory installation and testing report.
20. If any item or peripheral is not available in market as per specified order, dealers/channel partners will responsible for supply those items or peripherals' of higher version or higher capacity in same price. No extra cost will be given for higher version or higher capacity of items or peripherals.
21. The repair of any item must be done onsite within maximum 5-6 days and work of the machine/item must within maximum 5-6 days. If the repair is not possible on site the machine/item must be replace and then taken off-site for repair.
22. All mentioned Technical documents are compulsory for Technical Scrutiny otherwise his tender is not eligible for Commercial opening. Scrutiny and opening will be done online in scheduled time and its scheduled will be displayed on offline website www.kbpislampur.com

23. The decision of the purchaser shall be final and binding on the supplier in case of any dispute between the purchaser and supplier. The jurisdiction of the claim dispute will be Urun-Islampur court only.

24. All the rights to change terms and conditions in tender and right to reject any or all tenders without any reason thereof whatsoever is reserved with Principal, Karmaveer Bhaurao Patil College, Urun-Islampur.

25. Tender must be submitted offline in stipulated time only.

26. Incomplete tenders are liable to be rejected.

27. Online auction rounds not carried out,


PRINCIPAL
Karmaveer Bhaurao Patil College
Urun-Islampur. Dist. Sangli.

To,
Principal,
Karmaveer Bhaurao Patil College,
Urun-Islampur
Tal -Walwa Dist - Sangli

Subject :- Supply of specified Item and items related to it.

Sir,

I have read the terms and conditions stated in your tender and I agree with them. I am ready to supply the items and the items related to them as per the enclosed list. Please accept my tender.

Yours Faithfully,

DETAILS OF THE VENDOR

Details filled in this form must be accompanied by sufficient documentary evidence, in order to verify the correctness of the information.

Sr.No	Item	Details
1.	Name of the Company	
2.	Mailing Address	
3.	Telephone and Fax numbers	
4.	Constitution of the Company	
5.	Name and designation of the person authorized to make commitments to The.....	
6.	Email Address	
7.	Year of commencement of Business	
8.	Turnover of the Company (not of group) 2023-24 2022-23 2021-22	
9.	GST Number	
10.	Income Tax & Pan Card Number	
11.	Whether manufacturer or authorized dealers	
12.	Brief Description of after sales service facilities available with the tender (on separate page)	

All mentioned documents must be on the dealers/channel partners Letter Head dully signed and stamped.

The Bidders Should give clause by clause compliance for the detailed technical specification of the equipment's / tools in their technical bids.

Following Technical documents are necessary to upload for Technical Scrutiny of Vendors in Tendering process.

Technical Documents

1. Scan copy of receipt of amount paid for tender fee.
2. Nationalized Bank Demand Draft of EMD amount (scan copy)
3. Acceptance letter signed by authority accepting all the above-mentioned terms and conditions.
4. Company Letter of Brand Authorized Dealer.
5. Details of Vendor (as per given format)
6. Annual Turnover of Last 3 financial years (year wise) CA certified Balance Sheet,
7. IT return for last 3 years
8. Authorized district wise service centers (as per given format)
9. Customer list with satisfactory report


PRINCIPAL
Karmveer Bhaurao Patil College
Urun-Islampur. Dist. Sangli.

TENDER FORM

- I/we hereby tender to construct, completed and maintain the work specified in the under written memorandum at the tendered rates quoted in SCHEDULE 'B'

The total amount of which comes to Rs. ----- or at ----- percentage Below / Above in the rates specified in SCHEDULE 'B' . The total amount of which comes to Rs. ----- (INCLUDING GST) in accordance with the said conditions of contract specification, bills of Quantities,

MEMORANDUM

- | | |
|---|--|
| A. General Description of work: | A) Desktop & Printers
(As Per Details Enclosed) |
| B. Estimated Cost. (Included all taxes): | Rs. |
| C. Earnest Money Deposit. | : Rs. 5000/- |
| D. Security Deposit | |
| 5% of Estimated amount: | : Rs. |
| At time of agreement | |
| E. Period for the completion of work : | 1 months (Including rainy season) |
- I/we undertake, if my /our Tender is accepted to commence the work and complete and handover the same within the time limit stipulated in the appendix and the memorandum here above.
 - I/we agree to abide by this Tender for period of 90 Days from the date of submission of the same audit remain binding on us and may be accepted at any time before the expiry of any further period extended by mutual consonant.
 - Until and unless a formal agreement is prepared and executed this Tender, Together with you written acceptance thereof shall constitute a binding contract between us together with all the conditions of contract, specifications, schedule of quantities, appendix drawings, specification General rules and instructions to Tenders,
 - In case of default by me/us in our obligations in paragraphs(2),(3) and (4) here above. I/we acknowledge, you are at liberty to fore it the Earnest money deposited herewith.

Seal and signature of the Contractor.

Note : Please attach self attested copy of your business licences, as applicable.

A) Desktop

Sr.No.	Item	Company	Specifications	Qty.
1	Desktop	HP	Core™ i5 - 13400 /4 GB/512 GB SSD M.2 2280 PCIe/Factory Preloaded with MicroSoft Windows 11 Professional/KYB/Mouse/3Y Premier Support/19.5 Monitor	25 Appx.
			Core™ i5 - 13400 /8 GB/512 GB SSD M.2 2280 PCIe/Factory Preloaded with MicroSoft Windows 11 Professional/KYB/Mouse/3Y Premier Support/19.5 Monitor	
			Core™ i5 - 13400 /8 GB/256 GB SSD M.2 2280 PCIe/Factory Preloaded with MicroSoft Windows 11 Professional/KYB/Mouse/3Y Premier Support/19.5 Monitor	
		Lenovo	Core™ i5 - 13400 /4 GB/512 GB SSD M.2 2280 PCIe/Factory Preloaded with MicroSoft Windows 11 Professional/KYB/Mouse/3Y Premier Support/19.5 Monitor	
			Core™ i5 - 13400 /8 GB/512 GB SSD M.2 2280 PCIe/Factory Preloaded with MicroSoft Windows 11 Professional/KYB/Mouse/3Y Premier Support/19.5 Monitor	
			Core™ i5 - 13400 /8 GB/256 GB SSD M.2 2280 PCIe/Factory Preloaded with MicroSoft Windows 11 Professional/KYB/Mouse/3Y Premier Support/19.5 Monitor	
2	Desktop	HP	Core™ i7 - 13700 /8 GB/512 GB SSD M.2 2280 PCIe/Factory Preloaded with MicroSoft Windows 11 Professional/KYB/Mouse/3Y Premier Support/19.5 Monitor	10 Appx.
			Core™ i7 - 13700 /16 GB/512 GB SSD M.2 2280 PCIe/Factory Preloaded with MicroSoft Windows 11 Professional/KYB/Mouse/3Y Premier Support/19.5 Monitor	
		Lenovo	Core™ i7 - 13700 /8 GB/512 GB SSD M.2 2280 PCIe/Factory Preloaded with MicroSoft Windows 11 Professional/KYB/Mouse/3Y Premier Support/19.5 Monitor	
			Core™ i7 - 13700 /16 GB/512 GB SSD M.2 2280 PCIe/Factory Preloaded with MicroSoft Windows 11 Professional/KYB/Mouse/3Y Premier Support/19.5 Monitor	
3	All in One Desktop	HP	Core™ i5 - 13400 /8 GB/512 GB SSD M.2 2280 PCIe/Factory Preloaded with MicroSoft Windows 11 Professional/KYB/Mouse/3Y Premier Support/23.8 IPS FHD	01 Appx.
		Lenovo	Core™ i5 - 13400 /8 GB/512 GB SSD M.2 2280 PCIe/Factory Preloaded with MicroSoft Windows 11 Professional/KYB/Mouse/3Y Premier Support/23.8 IPS FHD	

B) Printers

Sr.No.	Item	Company	Specifications	Qty.
1	ID Printer	.Evolis	Evoilis Primacy 2(Double Side) Colour Printer	01
			Ribbon Cartridge	25
			PVC Plain Card	4000
2	Printer	Epson	Epson M1180 Single Function Wifi Monochrome Ink Tank (3 Year Warranty)	05



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PRINCIPAL

Karmveer Bhaurao Patil College
Urun-Islampur, Dist. Sangli.

TENDER FORM

1. I/we hereby tender to construct, completed and maintain the work specified in the under written memorandum at the tendered rates quoted in SCHEDULE 'A'

The total amount of which comes to Rs. ----- or at ----- percentage Below / Above in the rates specified in SCHEDULE 'A' . The total amount of which comes to Rs. ----- INCLUDING GST) in accordance with the said conditions of contract specification, bills of Quantities,

MEMORANDUM

A. General Description of work: Interactive Flat Panel

B. Estimated Cost. (Included all taxes) : Rs.

C. Earnest Money Deposit. : Rs. 5000/-

D. Security Deposit

5% of Estimated amount: : Rs.

At time of agreement

E. Period for the completion of work : 15 Days (Including rainy season)

2. I/we undertake, if my /our Tender is accepted to commence the work and complete and handover the same with the time limit stipulated in the appendix and the memorandum here above.
3. I/we agree to abide by this Tender for period of 90 Days from the date of submission of the same audit remain binding on us and may be accepted at any time before the expiry of any further period extended by mutual consent.
4. Until and unless a formal agreement is prepared and executed this Tender, Together with you written acceptance thereof shall constitute a binding contract between us together with all the conditions of contract, specification, schedule of quantities, appendix drawings, specification General rules and instructions to Tenders,
5. In case of default by me/us in our obligations in paragraphs(2),(3) and (4) here above. I/we acknowledge, you are at liberty to forfeit the Earnest money deposited herewith.

Seal and signature of the Contractor.

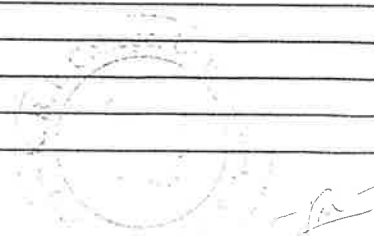
Note : Please attach self attested copy of your business licences, as applicable.

Senses Electronics

E61 Series Interactive Intelligent Panel Specification

Pro Model: 75IV1000 - SE61 Series - A3D version

Display	
Screen Size	75 inch
Screen Type	LED with super bright backlit display
Panel Type	Comercial Grade
Backlight Type	DLED
Glass bonding	ZERO bonding Tecnology
Aspect Ratio	16:9
Resolution	3840X2160, 4K
Number of Colors	1.07B (10-bit)
Refreshing frequency	120 Hz
Response Time	< 4ms
Contrast ratio	35000:1
Brightness	550 cd/m2
Viewing Angle	178/178
Life	50,000 hrs
Audio	
Audio Amplifier	In-built, BOSE amplifier 2.1 channel output
Audio Speaker	2 X 20W and 20W sub-woofer
Touch System	
Sensing Type	Infrared 20 points writing and 40 point touch
Touch Response Time	<4ms (typ)
Touch Accuracy	0.3 mm
Touch Coordinates	32767 X 32767
Structure	
Surface Protection	Toughened glass Level 7 MOHS Std.
Casing Type	Full aluminum metal Body
Android CPU module	
Processor	ARM A73 Quad Core + ARM A53 Quad Core CPU and GPU Mali G52
Memory	8 GB
Flash drive	128 GB
Network type	Integrated Intel 10/100/1000 Adaption
Wi-Fi	Intel IEEE 802.11 a/g/n 2.4G and 5.0G
Bluetooth	Bluetooth 5.2 with all profiles
Pre-loaded OS	Android 13.0 (Upgradable to 14 version)
Benchmark Score	1300+. (from Geekbench software)
PC Module	Please refer Separate Spec Sheet
OPS Configuration	
	i7 processor 11 th gen, 8 GB Ram, 256 GB SSD and 1TB Hard disk space
Connectivity	
Camera connectivity	Yes
LAN RJ45	1
USB 2.0 /3.0	3/3
Mini Display Port	1
Mic and earphone port	1
CVBS	1
VGA Input	1
HDMI 1080p Input	3
HDMI 4K2K	1



PC audio	1
SPDIF optical out	1
Inbuilt WiFi Access point	
Operating Frequency	2.4GHz/5GHz
WI-FI standard	802.11a/b/g/n/ac
Bluetooth	2.1+EDR/4.2/5.0
Inbuilt NFC authentication	
Standard	ISO/IEC 14443 A / ISO/IEC 14443 B
Support card type	MIFARE FeliCa
Read-write distance	<30mm
Read/write speed	106 To 424kbps
Read and write latency	<100ms
In-built Camera	
Pixel 2400M	Pixel 2400M
FOV 103 degree diagonal	FOV 103 degree diagonal
Streaming and recording 3840X2160 @ 30fps	Streaming and recording 3840X2160 @ 30fps
	1280X720 @ 30fps
	1920X1080 @ 30fps
In-built Microphone	
number of Array mic	8
AEC, AGC	Yes
Speech enhancement	Yes
distance of adapterization	10 meters
Power	
Power Requirement	100V-240V AC 50/60HZ
Power Consumption	<600W
Physical specification	
Dimensions L*H*W	1762X1034X100mm
Net Weight	60 kg
Environmental Conditions	
Operating Voltage	100V-240V AC 50/60HZ
Operating Temperature	minus 10 to 55 degree
operational humidity	10% to 90 %
Software Included	
SenseBoard 2.0 - whiteboarding software	"True 4K Whiteboard" giving sharp and natural writing experience
	"Drag and drop" user can customize the menu as per there on teaching needs
	"Intelligent Menu" automatically memorizes mostly used tools by the user
	whiteboard to support Indian languages. support Hindi, Marthi, Malayalam, Urdu and many more
	"Intelligent text recognition" convert any free writing to text at any point of whiteboard session
	"Intelligent search" search inside the whiteboard in Google, YouTube video or Wikipedia for any text written on whiteboard session
	"Intelligent scroll" automatically scroll right side as the writing reaches the end of right side and scrolls up ward as writing reaches bottom of board
	Save whiteboard session with images and videos used inside the session
	automatically save the session. No manually save session. Will not loose data even if power goes off
	save session not only locally but automatically in cloud. publish session for their students for home revision and collaborative teaching



draw shapes with measurement and angles. Dynamically changes the measurement and angles as shapes are resized

recognize any free write complex math equation and automatically calculate the result for it

read and play any text, pdf, word file inside whiteboard.

insert wirelessly image, video, documents directly to whiteboard sessions from any mobile device

import e-mail IDs of the student from text or excel file and automatic send the whiteboard sessions



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	<p>support multi finger gesture control. Preconfigure all tools on your finger tips (upto 21 different gesture on 5 fingers)</p> <p>whiteboard to work on voice commands. Control more than 200 different activities (draw different shapes, sizes, search on topics, dictations, etc.) in whiteboard using voice commands.</p> <p>Roaming Profile - All tool preferences - canvas background, pen gauge and color, menu config, language, almost all can be roamed to another Panel using Active directory credentials</p> <p>Extended Whiteboard - 2/3 panel can be fixed side by side and entire whiteboard can be extended to multiple panel. Continue writing from one to another panel</p> <p>Two color pen - Use single styles pen front and back side to write with any 2 different color. Fine eraser can also configure on backside</p>
SenseConnect - Wireless mirroring Software	SensesConnect- Connect any device - win 7/8/10, android, IOS. Control IIP from any device. Mirror Any device- at a time 4 devices. Proper authentication and password protection. Control mirrored devices from IIP. SUPPORT 4K resolution while mirroring
SenseCapture - Lecture Recording Software	Record the session with multiple source - Screen and camera. Set the recording area in screen. Even record outside the Whiteboard software. Editing tool to remove unwanted portions in the recorded video. Uses HIGH-END compression technology (H.264 protocol) and encryption (3 ADES 128-bit) to give high quality video in less space and protection of your intellectual property. occupy less than 20mb for 1 hour lecture.
SensesManage - Remote Panel Mangement Software	SensesManage : On/Off the IIP remotely. Statistical information about the usage of IIP by different teachers in all classes
EasiTalk - classroom addressing Software	EasiTalk - Complete classroom addressing solution using IIP. No additional Infrastructure required. Uses existing LAN. Principal/management can address classroom from the principal desk. Student can not only hear the Audio, but also can see(Video) of the principal. can even talk to a class or group of class. Even show desktop/PPT from Principal desk with voice. Also display messages in classroom from principals desk
SensesWatch - Classroom monitoring Software	SensesWatch : Watch the entire classroom from Principal/Management desk. Need to connect any webcam to IIP. Also monitor all classroom teacher activity on the screen including Whiteboard from principal desk with teachers voice. Can talk back to the class/teachers any point of time from Principals desk.



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PRINCIPAL
 Karmveer Bhaurao Patil College
 Unn-Isiampur, Dist. Sangli.

Senses Electronics	
E61 Series Interactive Intelligent Panel Specification	
Pro Model: 86IV1000 - E61 Series A3D	
Display	
Screen Size	86 inch
Screen Type	LED with super bright backlit display
Panel Type	Comercial Grade
Backlight Type	DLED
Glass bonding	ZERO bonding Tecnology
Aspect Ratio	16:9
Resolution	3840X2160, 4K
Number of Colors	1.07B (10-bit)
Refreshing frequency	120 Hz
Response Time	< 4ms
Contrast ratio	36000:1
Brightness	600 cd/m2
Viewing Angle	178/178
Life	50,000 hrs
Audio	
Audio Amplifier	In-built, BOSE amplifer 2.1 channel output
Audio Speaker	2 X 20W and 20W sub-woofer
Touch System	
Sensing Type	Infrared 20 points writing and 40 point touch
Touch Response Time	<4ms (typ)
Touch Accuracy	0.3 mm
Touch Coordinates	32767 X 32767
Structure	
Surface Protection	Toughened glass Level 7 MOHS Std.
Casing Type	Full aluminum metal Body
Android CPU moduie	
Processor	ARM A73 Quad Core + ARM A53 Quad Core CPU and GPU Mali G52
Memory	8 GB
Flash drive	128 GB
CPU Configuration	
i7 processor 12th gen, 8 GB Ram, 256 GB SSD, 1 TB HDD Space	
Network type	Integrated Intel 10/100/1000 Adaption
Wi-Fi	Intel IEEE 802.11 a/g/n 2.4G and 5.0G
Bluetooth	Bluetooth 5.2 with all profiles
Pre-loaded OS	Android 13.0
Benchmark Score	1300+. (from Geekbench software)
PC Module	Please refer Separate Spec Sheet
Connectivity	
Camera connectivity	Yes
LAN RJ45	1
USB 2.0 /3.0	3/3
Mini Display Port	1
Mic and earphone port	1
CVBS	1
VGA Input	1
HDMI 1080p Input	3
HDMI 4K2K	1
PC audio	1
SPDIF optical out	1
Inbuilt WiFi Access point	
Operating Frequency	2.4GHz/5GHz
Wi-Fi standard	802.11a/b/g/n/ac



Bluetooth	2.1+EDR/4.2/5.0
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Inbuilt NFC authentication	
Standard	ISO/IEC 14443 A / ISO/IEC 14443 B
Support card type	MIFARE FeliCa
Read-write distance	<30mm
Read/write speed	106 To 424kbps
Read and write latency	<100ms
In-built Camera	
Pixel 2400M Pixel 2400M	Pixel 2400M Pixel 2400M
FOV 103 degree diagonal	FOV 103 degree diagonal
Streaming and recording 3840X2160 @ 30fps	Streaming and recording 3840X2160 @ 30fps
	1280X720 @ 30fps
	1920X1080 @ 30fps
In-built Microphone	
number of Array mic	8
AEC, AGC	Yes
Speech enhancement	Yes
distance of adapterization	10 meters
Power	
Power Requirement	100V-240V AC 50/60HZ
Power Consumption	<600W
Physical specification	
Dimensions L*H*W	1762X1034X100mm
Net Weight	60 kg
Environmental Conditions	
Operating Voltage	100V-240V AC 50/60HZ
Operating Temperature	minus 10 to 55 degree
operational humidity	10% to 90 %
Software Included	
SenseBoard 2.0 - whiteboarding software	<p>"True 4K Whiteboard" giving sharp and natural writing experience</p> <p>"Drag and drop" user can customize the menu as per there on teaching needs</p> <p>"Intelligent Menu" automatically memorizes mostly used tools by the user</p> <p>whiteboard to support Indian languages. support Hindi, Marthi, Malayalam, Urdu and many more</p> <p>"Intelligent text recognition" convert any free writing to text at any point of whiteboard session</p> <p>"Intelligent search" search inside the whiteboard in Google, YouTube video or Wikipedia for any text written on whiteboard session</p> <p>"Intelligent scroll" automatically scroll right side as the writing reaches the end of right side and scrolls up ward as writing reaches bottom of board</p> <p>Save whiteboard session with images and videos used inside the session</p> <p>automatically save the session. No manually save session. Will not loose data even if power goes off</p> <p>save session not only locally but automatically in cloud. publish session for their students for home revision and collaborative teaching</p> <p>draw shapes with measurement and angles. Dynamically changes the measurement and angles as shapes are resized</p> <p>recognize any free write complex math equation and automatically calculate the result for it</p> <p>read and play any text, pdf, word file inside whiteboard.</p> <p>insert wirelessly image, video, documents directly to whiteboard sessions from any mobile device</p> <p>import e-mail IDs of the student from text or excel file and automatic send the whiteboard sessions</p> <p>support multi finger gesture control. Preconfigure all tools on your finger tips (upto 21 different gesture on 5 fingers)</p>



whiteboard to work on voice commands. Control more than 200 different activities (draw different shapes, sizes, search on topics, dictations, etc.) in whiteboard using voice commands.

Roaming Profile - All tool preferences - canvas background, pen gauge and color, menu config, language, almost all can be roamed to another Panel using Active directory credentials

Extended Whiteboard - 2/3 panel can be fixed side by side and entire whiteboard can be extended to multiple panel. Continue writing from one to another panel



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	Two color pen - Use single styles pen front and back side to write with any 2 different color. Fine eraser can also configure on backside
SenseConnect - Wireless mirroring Software	SensesConnect- Connect any device - win 7/8/10, android, IOS. Control IIP from any device. Mirror Any device- at a time 4 devices. Proper authentication and password protection. Control mirrored devices from IIP. SUPPORT 4K resolution while mirroring
SenseCapture - Lecture Recording Software	Record the session with multiple source - Screen and camera. Set the recording area in screen. Even record outside the Whiteboard software. Editing tool to remove unwanted portions in the recorded video. Uses HIGH-END compression technology (H.264 protocol) and encryption (3 ADES 128-bit) to give high quality video in less space and protection of your intellectual property. occupy less than 20mb for 1 hour lecture.
SensesManage - Remote Panel Mangement Software	SensesManage : On/Off the IIP remotely. Statistical information about the usage of IIP by different teachers in all classes
EasiTalk - classroom addressing Software	EasiTalk - Complete classroom addressing solution using IIP. No additional Infrastructure required. Uses existing LAN. Principal/management can address classroom from the principal desk. Student can not only hear the Audio, but also can see(Video) of the principal. can even talk to a class or group of class. Even show desktop/PPT from Principal desk with voice. Also display messages in classroom from principals desk
SensesWatch - Classroom monitoring Software	SensesWatch : Watch the entire classroom from Principal/Management desk. Need to connect any webcam to IIP. Also monitor all classroom teacher activity on the screen including Whiteboard from principal desk with teachers voice. Can talk back to the class/teachers any point of time from Principals desk.



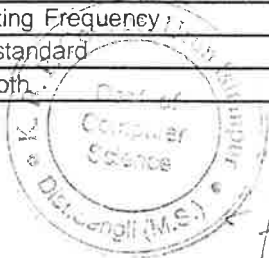
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 Urun-Islampur, Dist. Sangli.

Senses Electronics

E72 Series Interactive Intelligent Panel Specification

Pro Model: 98IV1000 - E72 Series

Display	
Screen Size	98 inch
Screen Type	LED with super bright backlit display
Panel Type	Comercial Grade
Backlight Type	DLED
Glass bonding	ZERO bonding Tecnology
Aspect Ratio	16:9
Resolution	3840X2160, 4K
Number of Colors	1.07B (10-bit)
Refreshing frequency	120 Hz
Response Time	< 4ms
Contrast ratio	38000:1
Brightness	600 cd/m2
Viewing Angle	178/178
Life	50,000 hrs
Audio	
Audio Amplifier	In-built, BOSE amplifer 2.1 channel output
Audio Speaker	2 X 20W and 20W sub-woofer
Touch System	
Sensing Type	Infrared 20 points writing and 40 point touch
Touch Response Time	<4ms (typ)
Touch Accuracy	0.3 mm
Touch Coordinates	32767 X 32767
Structure	
Surface Protection	Toughened glass Level 7 MOHS Std.
Casing Type	Full aluminum metal Body
Android CPU module	
Processor	ARM 1.8 GHZ Dual Core + ARM 1.8 GHZ Dual Core CPU and GPU Mali G52
Memory	4GB
Flash drive	64 GB
Network type	Integrated Intel 10/100/1000 Adaption
Wi-Fi	Intel IEEE 802.11 a/g/n 2.4G and 5.0G
Bluetooth	Bluetooth 5.0 with all profiles
Pre-loaded OS	Android 12.0
PC Module	Please refer Separate Spec Sheet
CPU Configuration	i7 processor 12th gen, 8 GB Ram, 256 GB SSD and 1TB Hard disk space
Connectivity	
Camera connectivity	Yes
LAN RJ45	1
USB 2.0 /3.0	3/3
Mini Display Port	1
Mic and earphone port	1
CVBS	1
VGA Input	1
HDMI 1080p Input	3
HDMI 4K2K	1
PC audio	1
SPDIF optical out	1
Inbuilt WiFi Access point	
Operating Freqüency	2.4GHz/5GHz
WI-FI standard	802.11a/b/g/n/ac
Bluetooth	2.1+EDR/4.2/5.0



Inbuilt NFC authentication	
Standard	ISO/IEC 14443 A / ISO/IEC 14443 B
Support card type	MIFARE FeliCa
Read-write distance	<30mm
Read/write speed	106 To 424kbps
Read and write latency	<100ms
In-built Camera	
Pixel	2400M
FOV	103 degree daigonal
Streaming and recording	3840X2160 @ 30fps
	1280X720 @ 30fps
	1920X1080 @ 30fps
In-built Microphone	
number of Array mic	8
AEC, AGC	Yes
Speech enhancement	Yes
distance of adapterization	10 meters
Power	
Power Requirement	100V-240V AC 50/60HZ
Power Consumption	<600W
Physical specification	
Dimensions L*H*W	1762X1034X100mm
Net Weight	60 kg
Environmental Conditions	
Operating Voltage	100V-240V AC 50/60HZ
Operating Temperature	minus 10 to 55 degree
operational humidity	10% to 90 %
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