

ADVENT OF INNOVATIONAL DISPLAY TECHNOLOGIES FULFILS AV-ICN EXPO 2024

Explosion in OOH(Out-of-Home) LED market fuels adoption of latest display technologies

Massive adoption of LED displays by OOH advertising, retail, and hospitality in digital signage has increased the distributor strength in the AV industry. Import and inventory is high on account of runaway growth in consumption.

Exponential growth in display in India exploiting new technologies

“Display environment in India is maturing rapidly. Interactive displays offered by many companies today serving the education market and entry level corporate market. Newer solutions like self-adhesive transparent LED displays and very large touch screen video walls as also inventive displays in residential AV is advancing the display landscape in India,” says **Anil Chopra**, Founding Director, AV-ICN Expo. “Evidently the display market becomes more challenging and surely the display market will be served by high quality and fulfilling standard specs. This means there is a huge potential in India in the display sector for the new companies,” envisions Anil Chopra.

“AV-ICN 2024 will attract a large number of systems integrators attending the show for solutions in display for almost all applications. Education by far is a major sector with innumerable government tenders for massive deployment of AV classrooms. Government education tenders are for 30,000 – 50,000 classrooms. In retail, major brands storefronts to the smallest retailer shop have digital signage. Hospitality sector which per se is in extremely high

AV-ICN EXPO



L to R: Anil Chopra, Founding Director, AV-ICN Expo, Narendra Naidu, Managing Director, Rhino Engineers, Kelvin Ashby King, Principal Consultant. Clarity Consulting, Ramesh Chetwani, Project Director, AV-ICN Expo, Gaurav Sood, General Manager, Hyve India at the PALM & AV-ICN Expo 2023

growth uses digital signage. With the array of metros and airports and upgradation of all railway platforms, display signage in infrastructure is witnessing growth like never before," mentions Anil Chopra. He adds, "The manpower and talent need of the AV industry in India are increasing and probably attracting top talent from the IT industry. AV and IT are integrating for all communications of audio and video on broadband. With the deployment of 5G the corporate conferencing is enlarging."

"We are building the show in response to the market demand in display and digital signage. The show this year will satisfy all attendees, professionals from the AV industry as well as AV consultants and systems integrators looking for solutions," says **Ramesh Chetwani**, Project Director, AV-ICN Expo.

The upcoming AV-ICN Expo at the NESCO Centre, Mumbai will have an edition of CAVS with top-level faculty and well-researched curriculum. Leading AV industry management and technology leadership will be the speakers and the panellists at the fifth AV-ICN Conference. The conference is held in AV-ICN hall. The

conference topics will cover disruptive display technologies, digital classroom technologies, holographic displays, AR/VR for 3D experiential retail and office space design. A panel discussion on Pro AV Project Market - Challenges and Op-

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portunities is also scheduled for AV-ICN. The CAVS classroom is also held in the AV-ICN hall. The conversions of the AV industry at AV-ICN Expo of AV consultants, systems integrators, distributors, and management of top brands will indeed be an excellent networking opportunity. AV-ICN is concurrent with the PALM Expo with 205 exhibitors combined. Pro audio solutions for sound install for auditoriums and entertainment, integrated PA install, AV rental, are exhibited at the PALM Expo, which is connected with the AV-ICN hall.

The 2024 Expo will be held from **30 May – 1 June 2024** at the Bombay Exhibition Centre (BEC), Mumbai. AV-ICN Expo, this year, is all set to unveil latest technologies and AV solutions from leading brands and distributors in the industry. Attendees will get to experience a wide range of AV solutions from a spectrum of categories including cables and connectors, LED displays, LED lights, projectors, switches, and processors. This AV-ICN feature brings significant insights from the show floor with new launches prepared to be introduced by different exhibitors during the show.

Cables and Connectors

As one of the most commonly used components in any industry, cables and connectors allow devices to transmit both audio and video signals through copper or aluminium wires. Cables and connectors ease the process of networking. AV solutions like switchers and processors require cables and connectors to connect with the

USB dongle and one remote control that covers the distance of up to 200-300 Meters, and **HDMI 2.1 Multi Core AOC Cable 4 in 4 Out**, designed for LED screens operations and detachable connectors with rox-tone PCD series wire roulette. Furthermore, **HF4K@60Hz's** (HDMI 2.0 to Fiber Extender **4K@60Hz**) best feature is that it supports 3840x2160@60Hz with UHD 4:4:4 sampling rate, and users can extract the audio sepa-

year, by bringing leading brands to exhibit their latest display solutions at the show floor. Many leading manufacturers and distributors will showcase their products and solutions at the AV-ICN Expo 2024 including Acton Pixel, Atenti LED Display India, DI Impex, G H Starled Display, Hawaii Sign & LLP, Infonics Technologies, Newtech Video Systems, NVS, PeopleLink, Pixel LED, Sepl Visual Solutions, Sunrise LED Tech,



AV Master Technology will attract AV-ICN Expo's visitors with the launch of SuperCue Quad, SuperCue Mini, HDMI 2.1 Multi Core AOC Cable 4 in 4 Out, HF4K@60Hz, AF Extender, AV Master Fiber Cable, HDMI 2.0 Matrix 8 in 8 Out, and 8K@60Hz – HDMI 2.1 Armour AOC Cable

systems to function effectively. Some of the exhibitors at the show floor to exhibit cables, connectors, and extenders will include **Mindstec Distribution, DC Infotech and Communication, and Nteck Systems.**

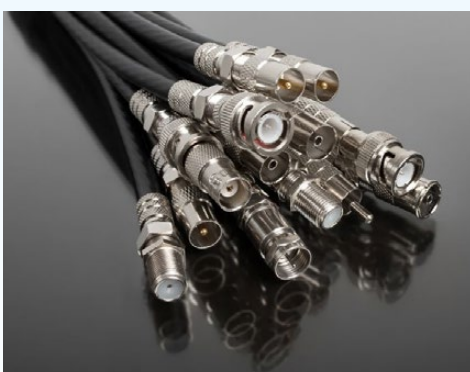
Inspired by the innovational changes, **AV Master Technology** will mark its presence by introducing its latest launches during the show. These products will include **SuperCue Quad**, which is the intelligent PPT Clicker for many segments and can connect and cascade up to 4 laptops (2 with Type C + 2 with USB Ports) with remote control covering the distance of up to 200-300 Meters, **SuperCue Mini** for one laptop where PPT Slide Changer comes with one

regularly, which will also be launched at the show floor. The **AF Extender (XLR Audio to Fiber Extender – 4 Channel and 8 Channel)** by AV Master Technology will also be unveiled at the expo, a bidirectional Audio XLR to Fiber extenders. It is a very vital product for the audio-visual companies (Rental and Fixed) when it comes to transmitting the audio to the fiber over a long distance. **AV Master's Fiber Cable** is a single and multi-mode optical fiber cable finished product that can reach up to 2000 meters while maintaining a 10 GBPS bandwidth. Mindstec is also going to introduce **HDMI 2.0 Matrix 8 in 8 Out** that supports seamless switching, and a resolution of 3840 x 2160@60Hz with a sampling rate 4:4:4 and **8K@60Hz – HDMI 2.1 Armour AOC Cable** that is an armour, and is included with protective caps, operating at 48 GBPS as a highly stable and effective solution.

LED Displays

LED displays or video walls are high energy efficient technologies that allow bright content presentation to the viewers. AV-ICN ensures the delivery of cutting-edge technologies at the expo again this

Tentech LED Display, Vishwanali Technology, and Zuper LED Media. Moreover, distributors like Mindstec Distribution are set to bring best-in-class technologies at the AV-ICN Expo like real-time graphics and live production solutions by **Vizrt**; video conference camera by **Telycam**; collaboration solutions by **Avocor, MTC, and T1V**; secure engagement technologies by **Uniguest**; videowall systems, scalable graphics, and video capture technologies by **Datapath**; video wall management by **Polywall**, and HDMI solutions by **Blustream and Kordz**. Adding to the innovations in the AV industry, **AET LED Displays, Elite**



AET LED Display's QV Series, launching at AV-ICN Expo 2024 is designed to provide high-definition visuals with extreme creativity and multi-protection



ViewSonic's CDE9830 for wireless presentation and enhanced efficiency

Screens, ViewSonic, and R J Enterprises are set to launch new LED Display solutions at the show floor.

AET LED Displays will launch its indoor creative rental solutions, the **QV Series**, which comes with a 10-degree curve. Key features of the model will include unique module chassis assembly process and flatness between modules $\leq 0.1\text{mm}$, slim and lightweight design, single cabinet weight within 7kg, efficient for XR application.

ViewSonic will launch its **CDE9830** for wireless presentation for enhanced efficiency with single USB-C cable for 65W power delivery, 24/7 video playback for



Platinum Series by Jona LED

continuous communication, remote device management with myViewBoard Manager and portrait-oriented display for impactful brand signage. Furthermore, Jona LED **Platinum Plus Series** will be launched at the expo offering full front or rear maintenance of electronics and magnetically attached cabinets that can be handled by



Norah Series by Jona LED



XR COB series by Jona LED

one person and with an extra signal backup port and is ideal for outdoor events, wedding events, etc. The latest 5th generation **Jona LED Norah Indoor Series LED** video wall displays are set to revolutionize corporate events viewing experience. It comes in 500mm x 500mm size with three-layer waterproofing, is easy to assemble and makes a good screen resolution, which is ideal for corporate events and meetings or running PPTs. Jona LED's premium line of **XR COB series** tiny LED displays will be seen captivating senses with an immense experience. Driven by micro technology, these very thin pixel pitch screens mesmerize audiences with vivid HDR10 picture quality, up to 16K resolution, and a high contrast ratio of 15000:1.

LED Lights

Perfect lighting is the first step to enjoy visual excellence at par. LED lights at live events, large-scale venues, or even meeting rooms, offer a variety of ambient feels with different lighting technologies. Users can now choose visually aesthetic appeals through LED lights based on their themed requirements. Some exhibitors include **Global LED, Leksa Lighting, Nikita Distributors, and Apna Studio** who will exhibit their lighting solutions at the AV-ICN Expo. **Canara Lighting** will be unveiling the **Canara LED Octagonal Panel Light** at the AV-ICN Expo 2024. Some of its key



Canara LED Octagonal Panel Light

features include - integrated dimmer that enables instant dimming from 0 to 100%, high grade aluminium housing with black powder coated mat finish paint, brightness controlled through DMX mode and manual mode, and temperature of the lighting fixture, which is controlled by passive cooling heatsink system that comes with 2 mtr power and DMX cable.

Projectors

With vigorous transformations occurring every day in the digitally evolving world, projector market in India has grown tremendously. The technology caters to optimal visual experience for users requiring seamless viewing and large screen projections. Corporate sector, auditoriums, lecture halls, large conference rooms, and even houses of worship demand advanced projectors for large venues and therefore, AV-ICN comes forward with the



Kestrel Tab-Tension 2 CLR

leading projector brands during the expo, catering to the Indian market. Some of the exhibitors at the 2024 show floor to exhibit projectors will include **Epson India** and **ViewSonic**. **Elite Screens** is also set to unveil its latest innovation at the expo floor. The **Kestrel Tab-Tension 2 CLR**, to be launched during the show, is an electric floor-rising projector screen with ceiling light rejecting technology to combat the washout effect from overhead lighting in bright room environments.

Switchers and Processors

Built for communication and networking applications, processors provide high-quality signal processing. Processors cater to enhanced performance and power efficiency in the embedded systems. Switchers, on the other hand, allow users to switch between different hosts and manage connections for the best-in-class video quality collaboration. To find the right devices for users' collaboration experiences, AV-ICN Expo brings multiple exhibitors on the show floor to exhibit cutting-edge technologies from the AV

industry. Some of the exhibitors at the show floor to exhibit switchers and processors will include **DC Infotech And Communication Ltd, Kramer, Nteck Systems, R J Enterprises, and Rzone Pixel.**

Just like all other AV Master Technology's products as listed under the 'Cables and Connectors' category, it will also unveil its **P10 & P20 Switcher/Splicer** at the show floor under the switchers and processors category. The **SMP40 & 60 series** supports wireless screen mirroring from Windows, macOS, iOS and Android terminals. For a standard 1080p video, the mirroring transmission is at up to 60 fps with a system latency of less than or equal to 80 ms at 8 meters. For different application scenarios, it provides 4 modes to let the document presentation, video playback and remote meetings have the optimal display effect.



SMP40 & 60 series by NovaStar

The SMP series has no requirements of redesigning or changing the screen structure and can be hung on the wall or placed on a surface, allowing for quick environment setup and use. It can be widely used in corporate exhibition halls, government and corporate educational halls, hotel lobbies, telemedicine consultation and other LED single-screen application scenarios. Moreover, **H series by NovaStar** will also attract the audience at the show floor for the first time. The H Series is NovaStar's flagship all-in-one video splicing processor, designed specifically for fine-pitch LED applications. It is the first all-in-one splicer and controller in the industry, which greatly simplifies systems integration. With the leading image processing technology in the industry, H series can give you an astonishing visual effect, truly making it the perfect solution for fine-pitch LED applications. H5 offers a modular plug-in design, with a variety of connector modules available.

It comes with the control card and power supply. A minimum of 1



H series by NovaStar

additional input card, and 1 output card is required for full functionality.

Comcon Technologies will also unveil **Optocore's FESTIVAL BOX** at the expo. FESTIVAL BOX is the main hub unit for a wide range of professional audio devices, with MADI inputs and outputs such as digital consoles, DAW, playback devices and professional broadcast units, IP protocols, Optocore or any fiber-based audio system.

AV-ICN Expo 2024 promises to offer a technological revelation in the pro AV industry, providing exhibitors and actual trade users a grand platform to connect, network, and showcase the best from the market. AV-ICN Expo is set to return from **29 – 31 May 2025** at BEC, Mumbai, India.

**This information is accurate at the time of going to the press.*

AV-ICN EXHIBITORS LIST 2024

Company Name	Hall No	Stall No.
Absen-Sept Visual Solutions	Hall 2	F18
Acton Pixel	Hall 2	F17
AET LED Displays India	Hall 2	C41
Apna LED	Hall 2	B73/B71
Atenti LED Display India Pvt Ltd	Hall 2	D17
Audio Logic	Hall 2	C63
AV Master Technology Co	Hall 2	C64
Canara Lighting Industries Pvt Ltd	Hall 2	B27
DI Impex	Hall 2	B33
Elite Screens	Hall 2	A71
Enbon LED- Transwag 24	Hall 2	C27
Epson India Pvt Ltd	Hall 2	A01
G H Starled Display	Hall 2	C18
Global Communication.Com	Hall 2	F01
Hawaii Sign & LLP	Hall 2	B09
Infonics Technologies	Hall 2	C17
Jona LED	Hall 2	C32
Kramer - DC Infotech And Communication Ltd	Hall 2	E01
Leksa Lighting Technologies Pvt Ltd	Hall 2	D41
Lumina Display Systems Pvt Ltd	Hall 2	B17
Mindstec Distribution Pvt Ltd	Hall 2	B51
Maven Enterprises	Hall 2	B18
Newtech Video Systems Pvt Ltd	Hall 2	D33

Company Name	Hall No	Stall No.
Nikita Distributors - Godox	Hall 2	C51
Nteck Systems	Hall 2	B34
Optoma	Hall 2	C09
Peoplelink Unified Communication Pvt Ltd	Hall 2	A41
Pixel LED Pvt Ltd	Hall 2	A17
Rzone Pixel	Hall 2	E18
Sunrise LED Tech	Hall 2	A33
Tentech LED Display Pvt Ltd	Hall 2	A27
ViewSonic International Corporation	Hall 2	B41
Vishwanjali Technology Pvt Ltd	Hall 2	B68
Xtreme Media	Hall 2	C01
Yestech LED	Hall 2	D33
Zuper LED Media Pvt Ltd	Hall 2	E17

MEDIA PARTNERS		
ADSLA	J97	Hall 1
AES	J95	Hall 1
INAVATE	M57	Hall 1
MONDO	M61	Hall 1
PALA	J96	Hall 1
PALM AV-ICN EXPO MAGAZINE	D59	Hall 2
SAFESECURE	M64	Hall 1
SATELLITE INTERNET	M62	Hall 1
SCORE	M63	Hall 1