

Published in Construction Week
December 15, 2025

Driving India's intelligent infrastructure with next-gen solutions

India needs solutions that not only connect people and assets but also enable intelligent oversight

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As [India](#) urbanizes at a record pace, a major transformation is underway in how cities see, sense and safeguard themselves. Driven by a surge in AI-powered surveillance and immersive, high resolution display command centres, India security landscape is

shifting towards predictive, data driven protection. In 2025, modern systems not only visualise incidents in real time but also anticipate risks, distinguish between human and vehicle activity, and deploy cloud and edge computing to minimize latency and boost resilience even in bandwidth-challenged environments.

With this, the requirement for Next-Gen Display and Surveillance Solutions is more urgent than ever. According to Primus Partners Report, the country's urban population is expected to surpass 600 million by 2036, putting immense pressure on public infrastructure, mobility networks, and safety systems. To manage this growth, India needs solutions that not only connect people and assets but also enable intelligent oversight, predicting issues before they occur and responding instantly when they do. This is where integrated display and surveillance ecosystems become indispensable, offering governments and businesses the ability to monitor, analyze, and act through a single, unified view.

Eye in the sky

From AI-driven metros in Mumbai to predictive flood management in Kerala, technology has become the cornerstone of India's urban evolution. The country's Smart Cities Mission launched in 2015 has been pivotal in integrating digital systems into core municipal functions. According to the latest Smart Cities Mission report released in June 2025, as of March, over 84,000 CCTV cameras, 1,884 emergency call boxes, 3,000 public address systems, and advanced traffic-enforcement tools such as RLVD and ANPR have been installed across 100 Smart Cities to enhance public safety. These initiatives underscore India's transition from basic surveillance to intelligent, data-driven public safety ecosystems.

The next leap lies in making infrastructure smart, secure, and scalable. Enterprises across sectors, construction, utilities, retail, and transportation are leveraging AI and the Internet of Things (IoT) to optimize both operations and safety. In construction technology (ConTech), AI-powered autonomous equipment and computer vision are enhancing project quality and efficiency. Meanwhile, AI-enabled mobility systems, supported by the Ministry of Road Transport and Highways, are redefining how roads communicate and respond, positioning India among the global pioneers of computer vision mobility.

The transformation is equally visible in India's surveillance landscape. Traditional CCTV systems are rapidly being replaced by intelligent sensors that can "see, understand, and act in real time." AI-powered video analytics enable proactive monitoring, anomaly detection, and behavioural analysis turning passive footage into actionable intelligence. Cities like Bengaluru and Chandigarh are already reaping the benefits. Automatic Number Recognition (ANPR) systems are automating traffic law enforcement, while Facial Recognition Technology (FRT) is being used for large-scale events.

Panasonic, for instance, is enabling this shift through its AI-powered surveillance cameras equipped with facial recognition, real-time threat detection, and low-light capabilities, ideal for complex environments such as airports and metro stations. Its unified platforms consolidate data from multiple sensors and present actionable insights via centralized dashboards. Complementing this, Panasonic's next gen 4K professional displays and ultra-narrow bezel video walls enhance operational efficiency by ensuring crystal-clear visualization of live feeds, analytics dashboards, and emergency alerts.

The future of intelligent infrastructure will be defined by deep integration—where surveillance, displays, and data platforms operate seamlessly to predict, prevent, and protect. As India continues its march toward becoming a technology-driven powerhouse, the intersection of AI, cloud, and display innovation will define the blueprint for smart, secure, and responsive cities. The evolution of intelligent infrastructure is not merely about connectivity, it's about creating environments that think, learn, and adapt for the safety and prosperity of all.