

HYUNDAI IT

Information More Than Your Imagination

# INNOVATIVE

INFORMATION DISPLAY SOLUTION





### Smart Poles

A smart pole is an intelligent light pole that has a smart LCD/LED Outdoor Display and LED lighting. They can also connect with a camera, an electric vehicle charging system, and high-speed internet connectivity. Another key function is driving energy efficiency as these poles have remotely controllable LED street lights. By replacing traditional sodium lamps with energy efficient LED lamps in smart poles, running costs can be reduced by up to 60 per cent. Smart poles offer municipal administration a high level of revenue generation opportunity through advertisements that can be for multiple brands because they are dynamic and can be controlled by a central server. They also transmit critical information such as an emergency PAP interface, outdoor temperature, humidity, heat index, dew point, air density, and air quality etc.



### OOH Media

A smart city is where the Internet of Things and analytics are applied to public infrastructure, services, and participation in the community. This list includes how visitors and residents communicate, consume, connect and work. At a minimum, cities want to become smarter in ways that make themselves a more attractive place to live and work. Some of the important installations of OOH to boost the municipality revenues through advertising can be Bus Shelters, Street Kiosks, Urban Panels, Emerging Media etc. The advantage of Digital OOH is that placements and ad exposures can be moved throughout the day to reach the intended audience, based on location data and historical movement patterns.

### Variable Messaging System

Variable messaging displays are essential to smartcity design. It provides useful real time information related to Traffic congestion, Accidents incidents, Ongoing Roadwork zones, Speed limits Key notices or messages from local authority like information about any emergency or disaster, etc. There is lot of improvement from just LCD/ LED based information system due to the restriction of information type. Today we have True to Life Image Quality Designed specifically for OOH application managing the multiple application with IoT as its heart Networkable with other Displays and controller from the Integrated command center. These are with IP 65/IP 66 ingress protection. These are guarded electromagnetic interference, shockproof and glare proof.



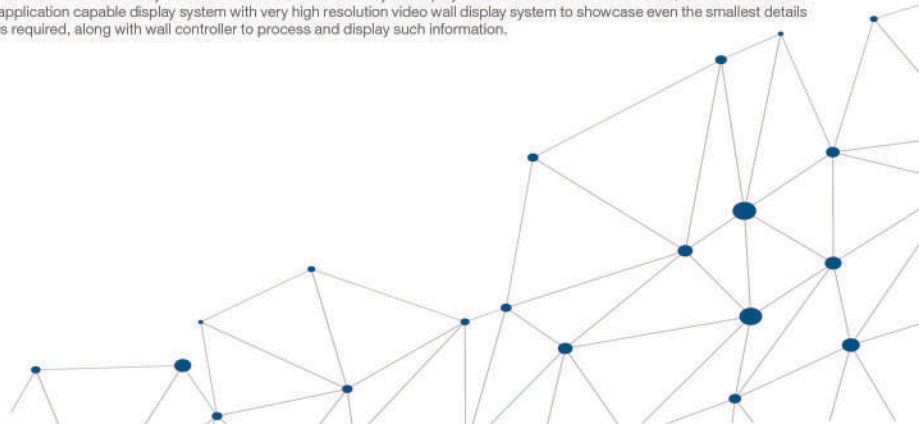
## Outdoor Interactive Kiosk

Outdoor Interactive Kiosk is helping smart cities in better engagement with citizens. They are critical Points to communicate vital information with public at large. Its an lot based real time remote monitoring and maintenance platform that offers network owners ease and speed of management across country-wide screen networks. Revenue generated through advertising provides an opportunity for smartcities administration to work closely with local councils, communities and retailers to invest in smart city initiatives.



## Command & Control Room

The main responsibility of the Control Room is to manage the city services and decide how to effectively deploy the available agents of the various services in order to provide the citizens with the best and most timely assistance possible. A typical City command center Operations would have multiple operators or agents - per shift - in the control centre area can access information management technology as well as the video streams associated with more than 500 cameras, plus an additional 350 cameras from utility concessions and Public Security. To display this vast amount of information, a robust and 24/7 application capable display system with very high resolution video wall display system to showcase even the smallest details is required, along with wall controller to process and display such information.



## PIDS

The main purpose of PIDS is to display at station concourses and platforms on-line information about scheduled train arrivals and departures and other general-purpose messages (normal and emergency) such as smoking in prohibited, evacuation messages etc. It displays information in any combination of English Text, video, numerals, animated graphics, punctuation and symbols in real-time.

**HYUNDAI IT LED Passenger Information Display System (PIDS)** is one of the most convenient and cutting-edge tools for dynamic traffic control. LCD/ SMD LED-based, they provide brilliant legibility, are energy-efficient and have an excellent luminance ratio. The unique optical design avoids the problems associated with reflections. Even at low sun position best legibility is guaranteed. Furthermore, their designs are weather-resistant and modern, keeping in mind the importance of aesthetics for a smart city.

### METRO STATION

- Limited PIDS (train information, general warning)
- Freely programmable (route/rerouting information, warning)



### TRAIN

- Limited PIDS (train information, general warning)
- Freely programmable (route/rerouting information, warning)
- Arrival Departure Board



### AIRPORT

- Intrusion alert -
- Freely programmable (route/rerouting information) -
- Arrival Departure Board -



### BUS STATION

- Limited PIDS (bus information, general warning) -
- Freely programmable (route/rerouting information, warning) -

### TUNNEL

- Limited PIDS (speed indication, general warning, Safe Warning)
- Lane Control Sign (lane indication)
- Freely programmable graphic info signs at tunnel entry & emergency bay (warning, information)



# Smart Class Room

## Teaching with Confidence

It includes an interactive display and a digital white board solution to preserve traditional teaching methods while incorporating modern educational methods. It can also be connected to an external device, such as a laptop or PC, to further explore and learn.

### Android 11.0 Smartboard with 8 GB RAM and 64 GB Storage

- Multiple Touch points – Windows 40 Points, Android 20 Points.
- Easily edit Office files such as Word, Excel, and PowerPoint etc.
- Writing on the working Video.
- Dry bonding technology enhancing touch accuracy.
- Front facing Inbuilt Speaker.
- Inbuilt Mic and Camera (Optional).

### Continual Annotation

Live annotation and interactive Teaching Software make topics more engaging by allowing teachers to edit, save, erase, highlight, colour, shape, print, email, record, choose, brushes, use, subject tools, and so on.



### Comprehensive Platform for Learning and Teaching

This solution is ideal for creating a holistic teaching and learning environment in classrooms. It enables a teacher to make the most of his or her limited time by having students understand and learn every concept in multiple ways.

### Dynamic Visual Presenter

A dynamic visual presenter allows you to show real-time images, objects, maps, and documents on the screen and even annotate on them to highlight details. Multimedia Controller, Visual Presenter, Biometric Attendance, Mouse, Keyboard, and UPS are all included in the cabinet.

# Smartboard α

### Integrating Conventional and Innovative Pedagogical Approaches

A modern solution for any educational institute where teachers and students can keep their traditional methods while benefiting from modern pedagogical approaches. This teaching pattern aids in the acquisition of more progressive ideas and enhances and immerses the learning experience.

### Edu Mate e - Learning with video

Now you don't have to keep checking for all examinations, as Hyundai Edumate gives you all information of any major exam along with their dates and official website, so there won't be any mistake. India's 1st Animated e-Learning in English & Hindi Language. NCERT and other state books solutions and MCQ's as per New Education policy are also included.



## About Us

HYUNDAI IT has accumulated the technology knowhow for more than 20 years in the Digital Signage industry.

HYUNDAI IT is manufacturing and supplying the display monitors to the major ministries in U.S., and proud of its achievement to market the world's first real-time 3D broadcasting TV.

In the field of digital signage, HYUNDAI IT has extended its market share and competitiveness by introducing innovative technologies in the outdoor display; revolutionizing the product quality & reliability. For over 3 year, Hyundai IT has been focused on the development of the Smart Office solution and has introduced the IFPD for corporate use.

Continual improvement and the "go beyond" mindset are important parts of our corporate culture.

We spend a lot of time recruiting and training the right people and collecting the best practices and ideas in order to develop products that can be differentiated from others, primordially to survive in this ever-changing environment.



HYUNDAI IT is the market leader  
in the **DIGITAL SIGNAGE INDUSTRY.**

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