



CityStation

AIOT Platform for Data Acquisition and Control Systems

CityStation interfaces with an NVIDIA® Jetson embedded system to process the measured data, analyze trends and provide more insight information. It features an ambient weather station for measuring local weather and atmospheric conditions. It's also a video analytics processor that can run powerful AI models on live video streams input from the 5MP cameras.



Plug & Play

CityStation is a fully integrated product for timely access to smart city scenarios



WiFi/4G/5G Connectivity

Equipped with different supports of wireless connectivity including WiFi, 4G, and 5G capability



4x 5MP

4x IP Bullet Cameras

Integrated with 4x 5MP IP bullet cameras for real-time image and video data collection



AQI Data Collection

Supports weather sensors to collect outdoor AQI data for further measurement

IP Bullet Cameras



5MP IR with progressive scan CMOS sensor



Equipped with 2.7 - 13.5mm motorized lens



Supports 3D DNR (Digital Noise Reduction), ONVIF



IR wavelength range up to 50m / 165ft

Data Measurement



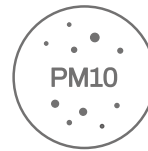
Temperature



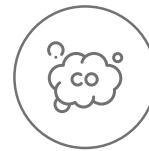
Humidity



PM2.5



PM10

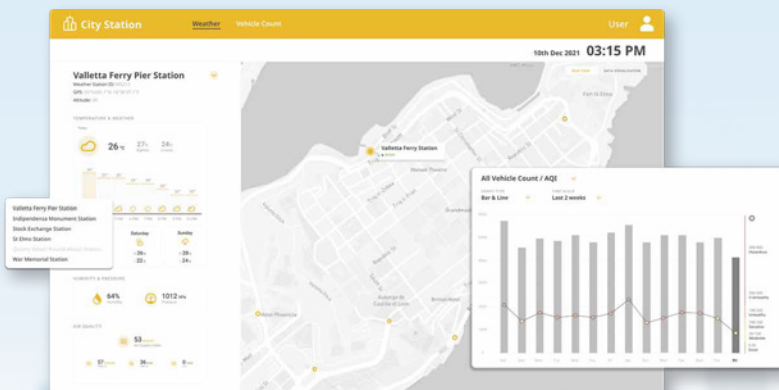


CO

Features in Software

A unified dashboard that combines the metadata from the cameras and the weather sensors to provide real-time analytics. The on-board state-of-the-art AI models allow for deploying complex AI solutions combining vehicular and weather data.

Help policy makers and city planners to make proper decisions at the right time for smart city construction.



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