



# 5G-EMPOWERED AI PLATFORMS

*Creating intelligent solutions  
for a connected world*

Combining the power of AI with the speed and reliability of 5G to enable innovative and high-performance solutions across various industries



5G-empowered AI systems and applications harness the high-speed data transmission, low latency, and massive device connectivity of 5G technology to enhance AI-driven services. This synergy enables AI applications to process and analyze data in real-time, making them more efficient and responsive.

## 5G CONNECTIVITY SOLUTIONS

BEC M600 series 5G industrial router is a game-changer in 5G fixed and mobile connectivity. This cutting-edge device leverages 5G technology, offering ultra-fast data rates, enhanced capacity, and ultra-low latency for seamless wireless connectivity.



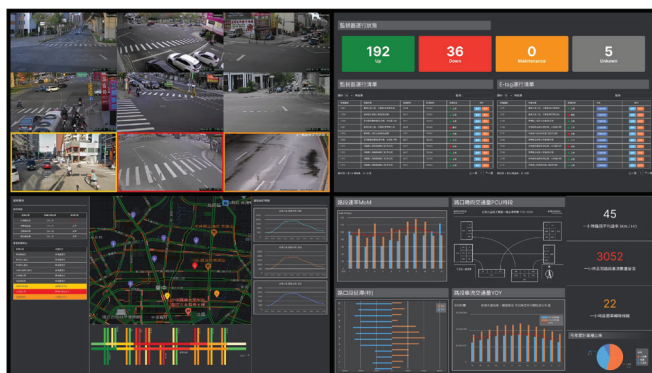
- 5G technology for unmatched data rates, enhanced capacity, and ultra-low latency
- Dual SIM provides network redundancy, guaranteeing uninterrupted connectivity
- Engineered for rugged environments, it withstands high temperatures, vibrations, and impacts
- Selected models come with four robust M12 X-coded Gigabit Ethernet interfaces for exceptional durability, and FAKRA connectors ensuring signal integrity across cellular, GPS, and Wi-Fi interfaces
- Offering BECentral® CloudEdge Service Platform for insights and network visibility at the edge

# INTELLIGENT TRANSPORTATION

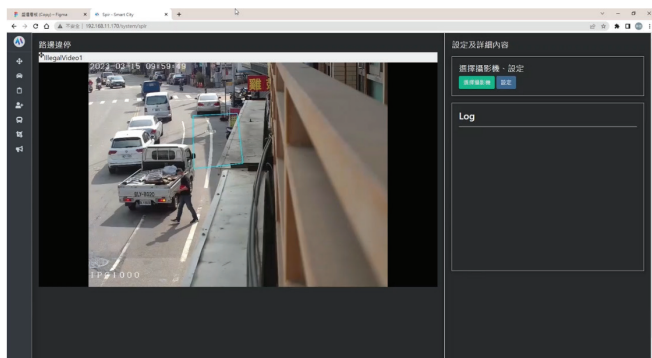
## AI-Powered Traffic Management System

With IP CAM as the IoT data collection device and leveraging artificial intelligence and machine learning algorithms as the main axis of the software, it helps authorities and transportation agencies make data-driven decisions to create more efficient and responsive transportation systems.

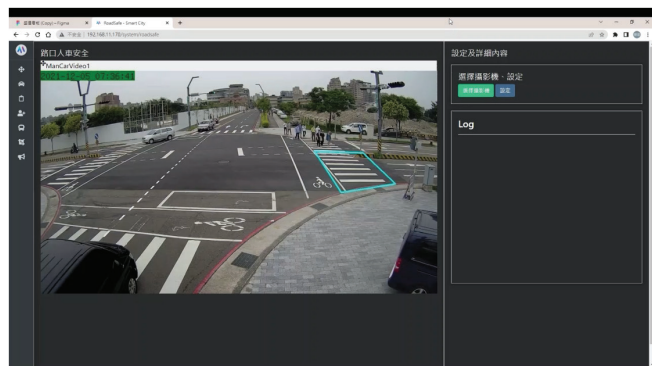
- Traffic Accidents Monitoring
- Real-time Traffic Monitoring
- License Plate Identification
- Intelligent Navigation
- Roadside Parking Violation Alarm
- Pedestrians Safety Alerts
- Traffic Flow Data Analysis and Statistics



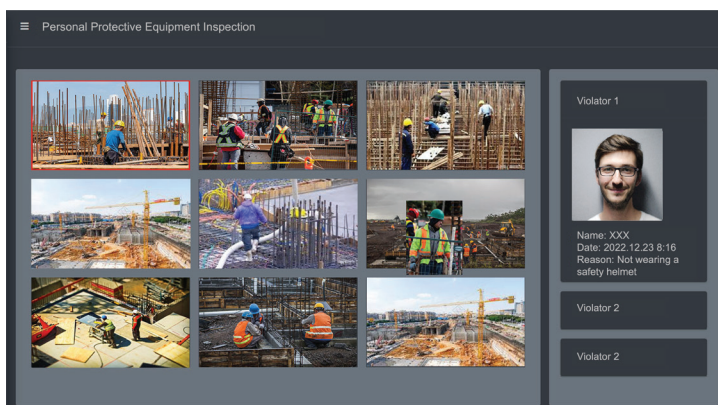
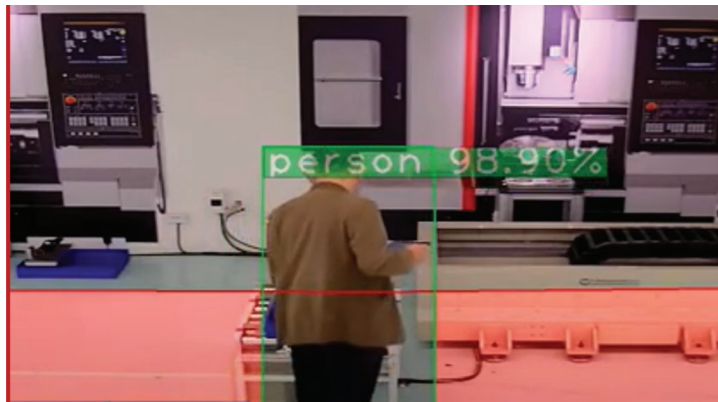
Traffic Data Analytic



Illegal Parking Detection



Pedestrian Safety



## SMART WORKPLACE SAFETY

### AI-Powered Workplace Safety System

Utilizing AI to enhance and optimize safety measures in work environments, the AI system is designed to proactively identify, prevent, and mitigate workplace hazards, thereby ensuring the well-being of employees and the protection of assets.

By harnessing AI for workplace safety, organizations can create safer and more productive workspaces while reducing the risk of accidents and injuries.

- Personal Protective Equipment inspection
- Electronic Fencing
- Abnormal Behavior Monitoring
- Site Safety Alert

*BEC Technologies (BECbyBillion) brings 50 years of experience in development, design, manufacturing, and marketing communication solutions across market segments.*



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