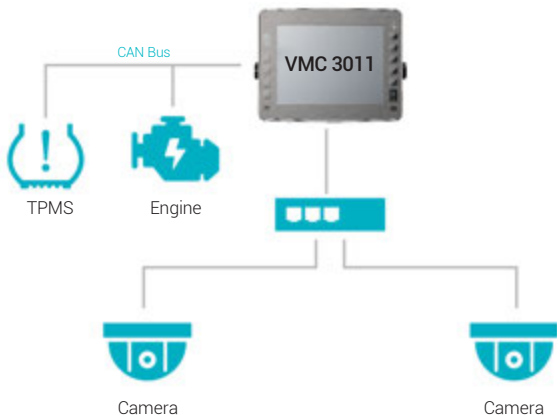Collision Detection

Tram Safety

NEXCOM Vehicle Mount Computers Watch Over the Safety of Urban Trams and Pedestrians

Trams provide a convenient public transportation medium to inner-city and inter-city travel. Although convenient, trams typically run in crowded urban areas where safety of both passengers and pedestrians is of utmost importance. In a tramway network of a city, NEXCOM's VMC 3011 vehicle mount computer has been installed in trams to give drivers increased visibility in vehicle blind spots, providing commuters and citizens a safe and sound transit service.

Installed on the driver's dashboard, NEXCOM's VMC 3011 displays live video content from IP cameras installed in critical blind spots outside the tram on the left and right. With the blind spots removed, drivers can now see clearly any approaching pedestrian or vehicle in all directions from the front and sides, and slow down or stop completely to avoid accidents. By detecting for imminent collisions, accidents have been reduced, improving transport safety for citizens of the city.

CAN Bus

VMC 3011

TPMS   Engine

Camera   Camera

VMC 3011

- High-brightness LCD panel enhances readability under bright light
- Rugged aluminum housing and vibration resistant for tough environments
- Lockable connectors to prevent cables from coming loose
- CAN bus 2.0B for diagnostics of engine and TPMS
- IP65 protection from liquid spills