

**Morita****Joint Development of 360° View Safety Camera System for Fire Trucks**

Development based on the Clarion's "SurroundEye" driver safety assistance system for business vehicles

Morita Holdings Corporation

To enhance the safety of firefighting and rescue operations, our consolidated subsidiary Morita Corporation (head office: Hyogo, Tokyo, President: Masahiro Nakajima, hereafter, Morita) has upgraded its existing "Advanced Monitor" by co-developing with Clarion Co., Ltd. (President cum COO: Hidetoshi Kawamoto, hereafter, Clarion) a 360° view safety camera system "Morita Advanced Monitor AM series". The new system is based on Clarion's driver safety assistance system "SurroundEye".

"Advanced Monitor", which so far indicated open and close status of various doors and shutters, now enables driver to have a 360° bird's eye view even while driving thus making the drive even safer. Video feeds from the four cameras mounted on the vehicle are synthesized on to the driver's monitor utilizing the independently developed image processing technology. This expands the driver's vision in all direction and helps lesson the safety related stress.

The joint development, with an aim to enhance the drive time safety of emergency vehicles like fire trucks, developed this system after looking into the feasibility of developing such system based on Clarion's driver safety assistance system. The system not only provides the driver's seat with a view of the blind spot at the rear left of the vehicle when driving or parking, but also allows the driver to ensure safety by providing a 360° vision all around the vehicle. This 360° surround camera safety system can also be installed on fire trucks that are already in use.

[4-Camera system composite images]



Monitor screen (driving image)



Monitor screen (when trying to park on road side)

Morita will be exhibiting a fire truck equipped with the "Morita Advanced Monitor AM Series" at the leading international event for firefighting and disaster relief "INTERSCHUTZ 2015" held in Hannover, Germany (June 8 to 13 local time).

For more information please contact

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