YDX-8 & ESTRA-Web2 | Developing

Integrated operation management system supporting logistics and passenger operators

- Industry's highest end model with integrated digital tachograph and drive recorder
- Full cloud type operation management system with enhanced safety, operation, labor, dynamics and roll-call management

- AI-assisted safe driving with image recognition
- Max. 10 cameras can be installed depending on the operation system
- Enhanced functions and excellent design for UI/UX

YDX-8

Safety Mgt. | Max. 10 Cameras depending on Operation System

Main camera has 2.4-megapixel and Max. 4 digital cameras with 1.2-megapixel can be added. Produce much higher definition records. Extend to max.
10 cameras with conventional analog cameras.

Safety Mgt. | Safe Driving Assistance by Image Recognition

Improve performance of conventional recognition functions for approaching vehicles and road markings.
Add recognition functions for detecting red signals and driver's phone call.

*Recognition functions are not available for some conditions.

Operation Mgt. | Precise Location Management

Improved non-positioning and missing positions in tunnels, under elevated tracks and in downtown with using GPS modules supported dead reckoning.
Improve event positions and the accuracy of driving trajectory.

Operation Mgt. | Real-Time Dynamic Communication

Updating frequency of vehicle location can be set to 1 or 5 minutes for required vehicles, in addition to the usual 10 minutes.
(Additional paid option)
It is possible to catch vehicle location at much real-time .

*Need to connect LTE

Cost | Select Operation System

Select analysis system from SD Card / LTE Communication / Wireless LAN,
it can be combined depending on customer's operation.

SD | LTE | Wireless LAN
(Planning to roll out support)

External Interface | Various Scalability / Link to External Devices

Various devices can be interfaced, such as collision prevention auxiliary device,
tire pressure detection devices, and internal temperature control devices.

ESTRA

Improve visibility and usability depending on the dashboard

Alert notification, such as emergency information, is available on the layout

Frequently used menu can be arranged.

Multiple dashboad is available

ESTRA-Web2 Screen Image

Safety Mgt. | Enhance Safety Assessment Function

Recommend setting is implemented depending on industries.
Users can customize own assessment items as priority management and it can be utilized for safe driving week.

Roll-call Mgt. | Enhance Roll-Call Function

Unique new roll-call system interfaced with ESTRA-Web2 and API is available as an option.
Linking to face/NFC recognition, alcohol check, body temperature management device.

*Planning to acquire license as IT roll-call system

Operation Mgt. | Improve Operation Search Functions

It is easy to refine videos by searching available operation data matching to the specific date/place from driving trajectory data.

Labor Mgt. | Enhance Labor Function

Creating multiple labor setting is available and it is possible to assign settings to each driver, such as extended annual restraint time for specific drivers.

Operation Mgt. | Enhance Organization Management

Max. 10 organization hierarchies can be supported and data can be checked / edited below the selected hierarchy.
Flexible aggregated management by hierarchy, such as head/branch/sales office.

This product is currently under development. The contents are subject to change without notice.

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