

SANRIZE Cockpit™

A next-generation cockpit improving in-vehicle comfort and display visibility.

Background or Challenges

- Increasing demand for comfortable cabin space with the advances in intelligent mobility and autonomous driving
- HMI* needs to be designed to ensure safety and security while also maintaining passenger comfort in the cockpit

*HMI --- Human Machine Interface

Solutions to Challenges

- 1 Proposes a total solution that combines elemental technologies of Yazaki's HMI products such as meters, head-up displays, lighting, etc.
- 2 Incorporates high-visibility virtual meters horizontal to the head-up display into the instrument panel with a feeling of openness.
- 3 Provides lighting illuminations that enhance cabin comfort and help passengers recognize necessary information.

HMI concept

SANRIZE Cockpit

Devices/Functions

User-customizable

Customizes display contents and layout to user preferences

Far-point virtual image display

- ✓Reduces the visual load by minimizing eye movement and using far-point virtual image
- ✓High-visibility virtual display with horizontal layout

Cabin space and instrument panel lighting

Illuminates for driving scenes

Low-height instrument panel

Provides a wide cabin space with an open and living room-like atmosphere



S	Safety
U/A	Update
N	Next generation
R	Reflective structure
I	Integration system
Z	Zonal design
E	Emotional Evolution
(A: applies to all)	

AI agent

Supports drivers and occupants during travel with UI using cloud AI

Head-up display

Clearly displays necessary information for drivers

Meter ambient lighting

Links with warnings and information updates