

ISMART **ULTRA-WIDE DISPLAY**

Opening up new dimensions

Outstanding width of iSmart Ultra-Wide Display gives you the opportunity to completely rethink the conventional route map by adding real-time information: connections, arrival time, and door operations.

iSmart Display portfolio provides aesthetic design and high visual rendering through lean design, immersive experience, seamless integration and smart technology.

KEY FEATURES

One-piece 1800 mm TFT Construction

Thanks to our in-house cutting process, we can deliver very wide iSmart Display with a narrow gap of 6 mm between the TFT panels.

Wide Viewing Angle

Enhanced optical filters provides wide angle of vision to make iSmart Display easy to read from anywhere in the coach.

Constant Luminosity Guaranteed for 15 years

Thanks to unique backlight intelligent management, iSmart Display has a constant luminosity and a much longer life.



PRODUCT'S LEVEL OF MATURITY

Concept Under Development **Available**

PRODUCT SPECIFICATION

TFT PANEL

Technology LCD TFT

Screen diagonal 2 x Full HD 41.5" 1/3 cut = 37" (other size on request)

Aspect ratio 32:3

Maximum brightness 1500 cd/m² (typ.)

Brightness control By ambient brightness

Contrast 3000:1 (typ.)

Viewing angle Horizontal 176° (typ.), vertical 176° (typ.)

LED backlight lifetime 100 000h

CONTROLLER

Operating system LINUX

Ethernet network 100 MBit/s

Protocols VDV301, ITxPT, HTML, MQTT, SNMP, WebRTC, RTSP, TrainIT, TRDP

(IEC61375-2-3), CIP, IPTCOM...

HOUSING

Enclosure material Aluminum

Protection class acc. EN 60529 IP54 (higher on request)

Front Glass Laminated safety glass 4.38 mm

Anti-reflection coating Chemical

OPERATION

Temperature range in operation EN 50155 OT3, -25 °C to +70 °C

Power supply 110 V DC, 72 V DC, 24 V DC

STANDARDS

Railway applications EN 50155:2017

EMS EN 50121-3-2:2015

Fire safety EN 45545-2:2020-10

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