DATA SHEET

iSMART CEILING **DISPLAY**

Opening up new dimensions

UNIQUE FEATURES

Only 28 mm Thick
Wrapped in an aluminum body and guarded by vandal-resistant safety glass, iSmart Display combines aesthetics and ruggedness.

High-Quality Visual Rendering
Enhanced optical filters increase visibility and brightness of iSmart Display's 1920 x 360 pixels high-resolution screens.

Low Energy Consumption
Wabtec's unique backlight technology reduces the energy consumption of the iSmart Display by 40% and increases its lifetime.

Double Sided
Independent content on each display side.

The high definition iSmart Ceiling Display is the perfect companion for rich travel information. Its remarkably thin design provides an impression of lightness while being extremely robust.

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

PRODUCT'S LEVEL OF MATURITY

Concept | Under Development | **Available**

PRODUCT SPECIFICATION

TFT PANEL

Technology	LCD TFT
Screen diagonal	Full HD 41.5" 1/3 cut = 37" (other size on request)
Aspect ratio	16:3
Maximum brightness	700 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
Front glass	Laminated safety glass 4.38 mm
Anti-reflection coating	Chemical
Weight	4 kg

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
EMC	EN 50121-3-2:2015
Fire safety	EN 45545-2:2020-10

CONTACT

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