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 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

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