Wabtec
CORPORATION

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 high-resolution screens.

Low Energy Consumption
Wabtec's unique backlight technology reduces the energy consumption of the iSmart Display by 45% in comparison to V-shaped displays, 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
Models	Model 42" - Full HD 41.5" 1/3 cut - Aspect ratio 32:6 Model 32" - Full HD 32.5" ½ cut – Aspect ratio 32:9 (Other size on request)
Maximum brightness	1000 cd/m² (typ.)
Brightness control	By ambient brightness
Contrast	3000:1 (typ.)
Viewing angle	Horizontal 178° (typ.), vertical 178° (typ.)
LED backlight lifetime	Standard: 100,000h Extended: 150,000h

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 or optical
Weight	14 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

Wabtec Corporation
30 Isabella Street
Pittsburgh, PA 15212 - USA
Phone: 412.825.1000
Fax: 412.825.1019
Email: info.cctvpis@wabtec.com

WABTECCORP.COM