Wabtec CORPORATION

FULL COLOR **LED DISPLAY**

Opening up new dimentions

The fine pitch of Wabtec's Full Color LED display is the perfect companion for rich travel information outdoors in access doors, side of cars, behind windows, front of trains, or even indoor. Its remarkable vividness with color accuracy provides impressive images, animations and videos in all light conditions.

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

KEY FEATURES

Custom High-Resolution Color LED Display Designed for Intensive Outdoor Use

Low energy consumption
Extended temperature range
for outdoor operation in direct sunlight

Stability in high brightness and colors
for contrast and TSI compliance
over the display lifetime

Long lifetime
up to 30 years,
compatible with any mid-life overhaul

PRODUCT'S LEVEL OF MATURITY

Concept | Under Development | **Available**

PRODUCT SPECIFICATION

LED-PANEL

Technology	SMD-LED RGB
Size	On demand
Minimal pixel pitch	1.5 mm
Display color	16.7 million
Brightness	Up to 4000 cd/m²
Contrast	1000 000:1
LED lifetime	Up to 15 years

CONTROLLER

Operating system	LINUX
Ethernet network	100MBit/s
Protocols	VDV301, ITxPT, HTML, MQTT, SNMP, WebRTC, RTSP, PDI, TrainIT, TRDP (IEC61375-2-3), CIP, IPTCOM…

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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