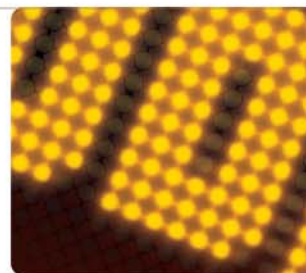


TRANSign

Features

- Open architecture for any applications
- High intensity light emitting diodes
- Extra long lifetime
- Automatic brightness adjustment
- Full readability in 140 degrees
- Weather and vandalproof construction
- Easy installation, operation and maintenance
- Programmable, display independent messages
- Reduced operating and maintenance costs
- Flexibility in configurations and sizes
- Customized design



Description	Bus stop displays one or double sided types		Front and side displays:	Rear display:	Next stop displays, inside:
Construction	Weather and vandal-proof construction	Weather and vandal-proof construction	Vandalproof construction	Vandalproof construction	Vandalproof construction
Compliance with	DIN 18032 / 3	DIN 18032 / 3	DIN 18032 / 3	DIN 18032 / 3	DIN 18032 / 3
Speaker	Yes	Yes	No	No	No
Power supply	230V / 50Hz	230V / 50Hz	14 ... 35 V DC	14 ... 35 V DC	14 ... 35 V DC
Data connection	wired + wireless (HSDPA)	wired + wireless (HSDPA)	RS - 485	RS - 485	RS - 485
Dimensions (width x height x thickness, mm)	1500 x 600 x 150 mm	1500 x 400 x 150 mm	(880; 1270; 1550) x 240 x 100	300 x 240 x 40	1100 x 120 x (40; 60)
Weight (kg)	60	40	12 / 14 / 16	3	4 / 6
Average power consumption (W)	250 W	120 W	45 / 58 / 70	15	15 / 30
Maximum power consumption (W)	384 W	384 W	153 / 192 / 230	48	51 / 102
Lifetime (hour)	Min. 120 000	Min. 120 000	Min. 120 000	Min. 120 000	Min. 120 000
Operating temperature range (°C)	-25°C +50°C	-25°C +50°C	-25°C +50°C	-25°C +50°C	-25°C +50°C
IP category (class)	IP64	IP64	IP54	IP54	IP54
Safety category (class)	II	II	II	II	II

Data connection / communication for displays: standard RS-485 interface to the OBU with easy communication protocol

Display parameters

Light control according environment light condition	YES	YES	YES	YES	YES
Brightness, max. (cd / m ²)	1200	1200	1000	1000	1000
Readability (m)	min. 25 m (DIN 1450)	min. 25 m (DIN 1450)	20 m (DIN 1450)	20 m (DIN 1450)	10 m (DIN 1450)
Visibility angle	120°	120°	140°	140°	140°
Number of characters / rows	32	32	21	4	21
Type of display	LED	LED	LED	LED	LED
Type	full matrix	matrix	full matrix	full matrix	full matrix
Color	amber or green	amber or green	amber or green	amber or green	amber or green
Resolution (pixel)	192 x 40	192 x 40	128 x 24 / 160 x 24 / 192 x 24	40 x 24	120 x 8 / 128 x 16
Number of color	1	1	1	1	1

Functions

Route number	YES	YES	YES	YES	YES
Destination	YES	YES	YES	NA	YES
Time display for the next arriving	YES	YES	NA	NA	YES
Controlling the display by the operator	YES	YES	YES	YES	YES
Blinking	YES	YES	YES	YES	YES
Rolling text capability	YES	YES	YES	YES	YES
Graphical possibilities	YES	YES	YES	YES	YES
Easy and quick screen editing	YES	YES	YES	YES	YES
Different contents on the twin displays	YES	YES	NA	NA	YES