

P10 INDOOR FULL COLOR LED SCREEN SPECIFICATIONS

10mm Pixel Pitch with SMD LEDs
Model:TREND-IF10S

Parameter	Unit	Value
Brightness	nits	1500
Color temperature	°K	6500
Viewing angle - Horizontal	deg.	140 (+70/-70)
Viewing angle - Vertical	deg.	140 (+70/-70)
Cabinet Weight	kg	
Cabinet Width	mm	1280
Cabinet height	mm	960
Cabinet depth	mm	150
Cabinet area	m ²	1,229
Cabinet material		Steel
Aspect ratio		4 : 3
Ingress Protection (front/rear)	IP	IP40 / IP20
Operating temperature range	°C	0 to +40
Operating Humidity range	HR	10 % to 90 %
Pixel type and configuration	R/G/B	SMD 3in1
Pixel pitch	mm	10
Pixel matrix per cabinet		128 x 96
Pixels per cabinet		12288
Lines per meter		100
Pixels per m ²		10000
LED per m ²		10000
Recommended minimum viewing distance	m	10
Colours		1.07 Billion
Gray scale	Levels	1024 levels per colour
Brightness control	Levels	100
Digital processing	bit	10
Frame rate	Hertz	60
Display refresh rate	Hertz	> 240
Input voltage	VAC	110 to 240
Input power frequency	Hertz	50 to 60
Input power (max/avg)	Watts per m ²	
MTBF	Hours	≥ 10000
Lifetime (50 % Brightness)	Hours	≥100000
Module brightness uniformity		< 5 %
Blind spot rate		< 0.00001
Earth leakage current	mA	< 2
Red wavelength	nm	623
Green wavelength	nm	525
Blue wavelength	nm	470
Panel input format (with video processor)		VGA, DVI, RGBHV, PbPr (HDTV), Composite, S-Video, TV
Data interconnection		Super CAT5 cable
Operating system		Windows (98/2000/XP/Vista)
Control distance		Up to 100 meters by CAT5 cable, single fiber up to 10 kilometer.

*Specification subjected to change without prior notice.

P8 INDOOR FULL COLOR LED SCREEN SPECIFICATIONS

8mm Pixel Pitch with SMD LEDs

Model: TREND-IF8S

Parameter	Unit	Value
Brightness	nits	1500
Color temperature	°K	6500
Viewing angle - Horizontal	deg.	140 (+70/-70)
Viewing angle - Vertical	deg.	140 (+70/-70)
Cabinet Weight	kg	
Cabinet Width	mm	1024
Cabinet height	mm	768
Cabinet depth	mm	150
Cabinet area	m ²	0,79
Cabinet material		Steel
Aspect ratio		4 : 1
Ingress Protection (front/rear)	IP	IP40/IP20
Operating temperature range	°C	0 to + 40
Operating Humidity range	HR	10% to 90 %
Pixel type and configuration	R/G/B	SMD 3in1
Pixel pitch	mm	8
Pixel matrix per cabinet		128 x 96
Pixels per cabinet		12288
Lines per meter		125
Pixels per m ²		15625
LED per m ²		15625
Recommended minimum viewing distance	m	8
Colours		1.07 Billion
Gray scale	Levels	1024 levels per colour
Brightness control	Levels	100
Digital processing	bit	10
Frame rate	Hertz	60
Display refresh rate	Hertz	> 240
Input voltage	VAC	110 to 240
Input power frequency	Hertz	50 to 60
Input power (max/avg)	Watts per m ²	
MTBF	Hours	≥ 10000
Lifetime (50 % Brightness)	Hours	≥ 100000
Module brightness uniformity		< 5 %
Blind spot rate		< 0.00001
Earth leakage current	mA	< 2
Red wavelength	nm	623
Green wavelength	nm	525
Blue wavelength	nm	470
Panel input format (with video processor)		VGA, DVI, RGBHV, PbPr (HDTV), Composite, S-Video, TV
Data interconnection		Super CAT5 cable
Operating system		Windows (98/2000/XP/Vista)
Control distance		Up to 100 meters by CAT5 cable, single fiber up to 10 kilometer.

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P6 INDOOR FULL COLOR LED SCREEN SPECIFICATIONS

6mm Pixel Pitch with SMD LEDs

Model: TREND-IF6S

Parameter	Unit	Value
Brightness	nits	1500
Color temperature	°K	6500
Viewing angle - Horizontal	deg.	140 (+70/-70)
Viewing angle - Vertical	deg.	140 (+70/-70)
Cabinet Weight	kg	
Cabinet Width	mm	768
Cabinet height	mm	576
Cabinet depth	mm	150
Cabinet area	m ²	0,44
Cabinet material		Steel
Aspect ratio		4 : 3
Ingress Protection (front/rear)	IP	IP40/IP20
Operating temperature range	°C	0 to +40
Operating Humidity range	HR	10% to 90%
Pixel type and configuration	R/G/B	SMD 3in1
Pixel pitch	mm	6
Pixel matrix per cabinet		128 x 96
Pixels per cabinet		12288
Lines per meter		166,67
Pixels per m ²		27777
LED per m ²		27777
Recommended minimum viewing distance	m	6
Colours		1.07 Billion
Gray scale	Levels	1024 levels per colour
Brightness control	Levels	100
Digital processing	bit	10
Frame rate	Hertz	60
Display refresh rate	Hertz	> 240
Input voltage	VAC	110 to 240
Input power frequency	Hertz	50 to 60
Input power (max/avg)	Watts per m ²	
MTBF	Hours	≥ 10000
Lifetime (50% Brightness)	Hours	≥ 100000
Module brightness uniformity		< 5%
Blind spot rate		< 0.00001
Earth leakage current	mA	< 2
Red wavelength	nm	623
Green wavelength	nm	525
Blue wavelength	nm	470
Panel input format (with video processor)		VGA, DVI, RGBHV, PbPr (HDTV), Composite, S-Video, TV
Data interconnection		Super CAT5 cable
Operating system		Windows (98/2000/XP/Vista)
Control distance		Up to 100 meters by CAT5 cable, single fiber up to 10 kilometer.

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P25 OUTDOOR FULL COLOR LED SCREEN SPECIFICATIONS

25mm Pixel Pitch with Oval LEDs

Model: TREND-OF25V

Parameter	Unit	Value
Brightness	nits	5000
Color temperature	°K	6500
Viewing angle - Horizontal	deg.	120 (+60/-60)
Viewing angle - Vertical	deg.	60 (+30/-30)
Cabinet Weight	kg	72,2
Cabinet Width	mm	1400
Cabinet height	mm	1000
Cabinet depth	mm	185
Cabinet area	m ²	1,4
Cabinet material		Steel
Aspect ratio		7:5
Ingress Protection (Front/Rear)	IP	IP65/IP43
Operating temperature range	°C	-20 to +50
Operating Humidity range	HR	10% to 90%
Pixel type and configuration	R/G/B	2,1,1
Pixel pitch (Physical/Virtual)	mm	25/12.5
Pixel matrix per cabinet		56x40
Pixels per cabinet		2240
Lines per meter		40
Pixels per m ²		1600
LED per m ²		6400
Recommended minimum viewing distance	m	25
Colours		1.07 Billion
Gray scale	Levels	1024 levels per colour
Brightness control	Levels	100
Digital processing	bit	10
Frame rate	Hertz	60
Display refresh rate	Hertz	> 300
Input voltage	VAC	110 to 240
Input power frequency	Hertz	50 to 60
Input power (max/avg)	Watts per m ²	1000/400
MTBF	Hours	≥ 10000
Lifetime (50%Brightness)	Hours	≥ 100000
Module brightness uniformity		< 5%
Blind spot rate		< 0.00001
Earth leakage current	mA	< 2
Red wavelength	nm	623
Green wavelength	nm	525
Blue wavelength	nm	470
Panel input format (with video processor)		VGA, DVI, RGBHV, PbPr (HDTV), Composite, S-Video, TV
Data interconnection		Super CAT5 cable
Operating system		Windows (98/2000/XP/Vista)
Control distance		Up to 100 meters by CAT5 cable, single fiber up to 10 kilometer.

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P20 OUTDOOR FULL COLOR LED SCREEN SPECIFICATIONS

20mm Pixel Pitch with Oval LEDs

Model: TREND-OF20V

Parameter	Unit	Value
Brightness	nits	5000
Color temperature	°K	6500
Viewing angle - Horizontal	deg.	120 (+60/-60)
Viewing angle - Vertical	deg.	60 (+30/-30)
Cabinet Weight	kg	65,5
Cabinet Width	mm	1280
Cabinet height	mm	960
Cabinet depth	mm	185
Cabinet area	m ²	1,229
Cabinet material		Steel
Aspect ratio		4:3
Ingress Protection (Front/Rear)	IP	IP65/IP54
Operating temperature range	°C	-20 to +50
Operating Humidity range	HR	10% to 90%
Pixel type and configuration	R/G/B	2,1,1
Pixel pitch (Physical/Virtual)	mm	20/10
Pixel matrix per cabinet		64x48
Pixels per cabinet		3072
Lines per meter		50
Pixels per m ²		2500
LED per m ²		10000
Recommended minimum viewing distance	m	20
Colours		1.07 Billion
Gray scale	Levels	1024 levels per colour
Brightness control	Levels	100
Digital processing	bit	10
Frame rate	Hertz	60
Display refresh rate	Hertz	600
Input voltage	VAC	110 to 240
Input power frequency	Hertz	50 to 60
Input power (max/avg)	Watts per m ²	1000/400
MTBF	Hours	≥ 10000
Lifetime (50%Brightness)	Hours	≥ 100000
Module brightness uniformity		< 5%
Blind spot rate		< 0.00001
Earth leakage current	mA	< 2
Red wavelength	nm	623
Green wavelength	nm	525
Blue wavelength	nm	470
Panel input format (with video processor)		VGA, DVI, RGBHV, PbPr (HDTV), Composite, S-Video, TV
Data interconnection		Super CAT5 cable
Operating system		Windows (98/2000/XP/Vista)
Control distance		Up to 100 meters by CAT5 cable, single fiber up to 10 kilometer.

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P16 OUTDOOR FULL COLOR LED SCREEN SPECIFICATIONS

16mm Pixel Pitch with Oval LEDs

Model: TREND-OF16V

Parameter	Unit	Value
Brightness	nits	5000
Color temperature	°K	6500
Viewing angle - Horizontal	deg.	120 (+60/-60)
Viewing angle - Vertical	deg.	60 (+30/-30)
Cabinet Weight	kg	50
Cabinet Width	mm	1024
Cabinet height	mm	768
Cabinet depth	mm	150
Cabinet area	m ²	0,786
Cabinet material		AL
Aspect ratio		4:3
Ingress Protection (Front/Rear)	IP	IP65/IP54
Operating Humidity range	HR	10% to 90%
Operating temperature range	°C	-20 to +50
Pixel type and configuration	R/G/B	2R1G1B
Pixel pitch	mm	16mm
Pixel matrix per cabinet		64 × 48
Pixels per cabinet		3072
Pixels per m ²		3906
Recommended minimum viewing distance	m	16mm
Colours		1.07Billion
Gray scale	Levels	1024 levels per colour
Brightness control	Levels	100
Digital processing	bit	10
Frame rate	Hertz	60
Display refresh rate	Hertz	600
Input voltage	VAC	110 to 240
Input power frequency	Hertz	50 to 60
Input power (max/avg)	Watts per m ²	1000/400
MTBF	Hours	≥ 10000
Lifetime (50% Brightness)	Hours	≥ 100000
Module brightness uniformity		< 5%
Blind spot rate		< 0.00001
Earth leakage current	mA	< 2
Red wavelength	nm	623
Green wavelength	nm	525
Blue wavelength	nm	470
Panel input format (with video processor)		VGA, DVI, RGBHV, PbPr (HDTV), Composite, S-Video, TV
Data interconnection		Super CAT5 cable
Operating system		Windows (98/2000/XP/Vista)
Control distance		Up to 100 meters by CAT5 cable, single fiber up to 10 kilometer.

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