

# Product Data Sheet

## RGB P6 / P10 outdoor

Full coloured RGB-LED Displays for Outdoor Application



### Display

Display type	RGB-LED dot matrix display	
Pixel pitch	6,67 mm	10 mm
Display colour	Full colour (red, green, blue)	
Colour processing	16 bit	
LED-configuration	1 (RGB: 3 in 1)	
Pixel density per m <sup>2</sup>	22.500 pixels	10.000 pixels
Emission angle (h / v)	140°	
Resolution per module	96 x 96 pixels	64 x 64 pixels
Viewing distance	4 – 5 m	8 – 10 m
Viewing angle (typical)	140° H, 140° V	
Brightness	Up to 5.000 Nit	
Refresh rate	3.840 Hz	
View	Single or multi-sided	
Maintenance	Front, back	
Lifetime	50.000 h	

### Data Input and Transmission

Video inputs LED-screen-processor	HDMI/DVI, display port, S-Video, Composite, RGB, YPbPr, YUV, 3G-SDI
Data Transmission	Fibre optic cable, RJ45 CAT5, Wireless

### Dimensions and Mounting

Dimensions per module (H x W x D)	640 mm x 640 mm x 113 mm	
Size dimensions	Max. 25 modules hung or stacked without reinforcement	
Module weight	15,5 kg	15,1 kg
Display weight	38 kg/m <sup>2</sup>	37 kg/m <sup>2</sup>

### Power Supply

Operating voltage	Max. 48 modules / 16A-circuit
Power consumption (average / max)	300 / 730 W/m <sup>2</sup>

### Environmental Conditions

Protection class	IP65 / IP44 (front / back)
Operating temperature	-30 ... +40° C / 0% ... 98% humidity

**Additional Product Images**

