

RGB 10.6 High Brightness Outdoor 24/7

The perfect solution for outdoor high brightness
and waterproof 24/7 performance



- High brightness up to 7.500nits, highest refresh and 48bit color processing for outstanding image quality
- IP65 all weather outdoor IP rating due to nano coating facilities
- Extremely low power consumption - 170watts per module with standard brightness video
- Ultra-slim and lightweight design

Technical specifications

SERIES RGB10.6 outdoor 24/7

Dimensions (W x H x D)	1.024 x 1.024 x 116 (81) mm
Physical Resolution	10.6 mm
Pixel Density	8.789 pixels/m ²
Brightness	8.500nits, 7.500 nits calibrated
Pixel /Panel	96 x 96 real pixel
Panel Weight	33.5 kg
Weight /m ²	31.9 kg/m ²
Panel Material	Aluminium coated
LED Type	1R, 1G, 1B
Viewing Angle horizontal/vertical	H140° / V60°
Contrast Ratio	3.000 : 1
Refresh Rate	3.800 Hz
Color Processing	48bit
Colors	281 trillion
Color Temperature	5.000k, 6.500k, 9.000k
Lifetime	80.000 h
Protection	IP65 front, IP54 rear
Power Consumption Maximum	438W/module 418 W/m ²
Power Consumption Average	170W/module 162 W/m ²
Mains Input	100 – 240 VAC 50/60 Hz
Operating Temperature	-10°C to +45°C
Operating Humidity	10% to 90%
Driving Method	1/4 scan constant current
Certification	CE, FCC, RoHS



- 10.6 PIXEL PITCH** LED module physical pixel pitch measured in mm
- 3800Hz HIGH REFRESH** 3800 Hz refresh rate high refresh rate for flickerfree images
- 48bit HIGH COLOR PROCESSING** 48bit high color processing for high grayscale even at low brightness applications
- FAST SERVICE** fast service access for quick and easy maintenance
- IP65 WATERPROOF** all weather outdoor IP rating due to nano coating facilities
- LIGHT WEIGHT** lightweight design and easy to handle modules save manpower
- 140° WIDE VIEW** ultra wide viewing angle with 140° horizontal and 60° vertical viewing angle
- NANO COATING** special nano coating achieves waterproof, anti-dust and anti-moisture surface
- HIGH CONTRAST** exceptional contrast ratio for sharp and clear images
- 24/7 OPERATION** high end components optimized for 24/7 operation in adverse weather conditions
- LOW ENERGY** extremely low power consumption due to the use of high end components
- GREEN LINE** green line products with maximum efficiency for climate protection