



## DESCRIPTION / ORDERING INFORMATION

Blue tech P10 series is designed for 24/7 outdoor usage especially in branding and digital advertising markets where years of worry-free usage make the difference. It is a green LED display system, with no hazardous materials low energy consumption and highly efficient components. The P10 also feature contrast enhancing shaders and tilted LEDs. All displays in the series have optimized the balance between brightness, color and contrast by nature their Low maintenance requirements and proven track record lead to a low total cost of ownership.

## FEATURES

- Outdoor LED Display Full Color
- LED Long Life 100,000 Hours
- Brightness 8,500 cd/m<sup>2</sup>
- Protection Circuit Full Option
- 10,000 dot/m<sup>2</sup>
- Low Power Consumption
- Full HD 1,920 Pixel
- Cabinet size 960 mm x 960 mm

## APPLICATIONS

- Outdoor/Indoor Use
- Branding
- Digital Signage
- Broadcast Studios
- Rental, Trade Shows And Events

## DISPLAY SPECIFICATION



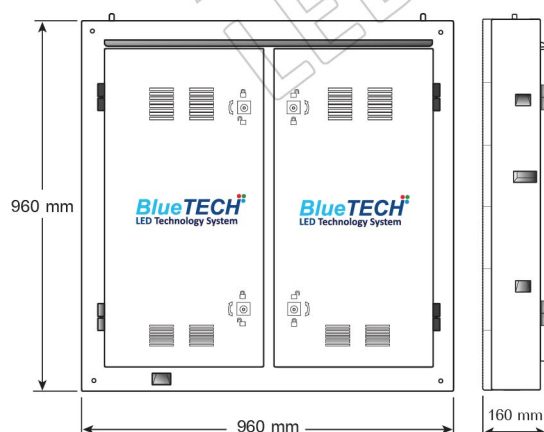
Specification	Parameters
Pixel pitch	10 mm
Display resolution / Cabinet	9,216 dot ( 96 dot x 96 dot )
Pixel composing	RGB ( 3in1 )
Wavelength (R,G,B)	625±2 nm , 522±2 nm , 467±2 nm
Viewing angle	160°(W) / 120°(H)
LED size	SMD
Pixel density	10,000 Dot/m <sup>2</sup>
Display color	4.4 trillion colors
Maximum brightness	8,500 cd/m <sup>2</sup>
Grey scale	14 bit
Frame frequency	60 Hz
Refresh rate	600 Hz
Contrast ratio	4,000:1
Scan method	1/8
Maximum display size	150 m x 150 m
Best distance of visualization	10 - 250 m

## STRUCTURE FEATURE

Specification	Parameters
Cabinet size ( H x W x D )	960 mm x 960 mm x 160 mm
Weight	50 kg/Cabinet
Module Quantity Per cabinet	36 Module
Module size ( H x W )	160 mm x 160 mm
Module resolution	16 dot x 16 dot
Install mode	Wall mount , hung and stand structure
Cabinet Material	Iron
Service	Backside
Max stacking	150 Cabinet
Power consumption	Average 330 W/m <sup>2</sup> (Max 650 W/m <sup>2</sup> )
Average current	1.50 A/m <sup>2</sup>
Maximum current	2.95 A/m <sup>2</sup>
Power supply display	Switching DC 5 V
IP rating	IP65/54
Display port	CAT-5
Cooling	FAN
Operating temperature range	-20 ~ 50 °C
Operating humidity range	10 ~ 90 %
Continual running time	24/7
Life time(1)	100,000 Hours

(1) Life time of approximately Of use 50% brightness.

## CABINET DIMENSIONS



## CABINET SCREEN DIMENSIONS

