



## DESCRIPTION / ORDERING INFORMATION

Blue tech P16 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 P16 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
- Brightness 7,500 cd/m<sup>2</sup>
- 3,906 dot/m<sup>2</sup>
- Full HD 1,920 Pixel
- LED Long Life 100,000 Hours
- Protection Circuit Full Option
- Low Power Consumption
- Cabinet size 1024 mm x 1024 mm

## APPLICATIONS

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

## DISPLAY SPECIFICATION



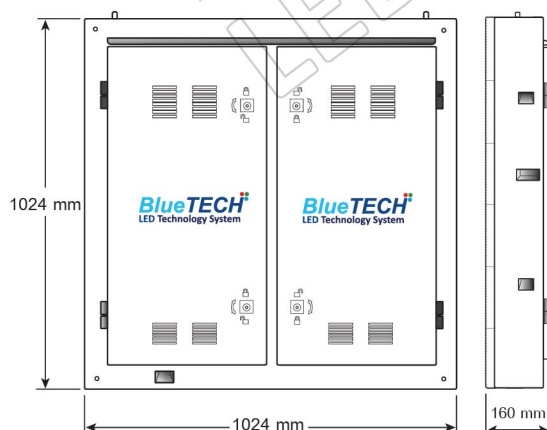
Specification	Parameters
Pixel pitch	16 mm
Display resolution / Cabinet	4,096 dot ( 64 dot x 64 dot )
Pixel composing	RGB ( 3in1 )
Wavelength (R,G,B)	625±2 nm , 522±2 nm , 467±2 nm
Viewing angle	160°(W) / 120°(H)
LED size	SMD
Pixel density	3,906 Dot/m <sup>2</sup>
Display color	4.4 trillion colors
Maximum brightness	7,500 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	16 - 250 m

## STRUCTURE FEATURE

Specification	Parameters
Cabinet size ( H x W x D )	1024 mm x 1024 mm x 160 mm
Weight	55 kg/Cabinet
Module Quantity Per cabinet	16 Module
Module size ( H x W )	256 mm x 256 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 300 W/m <sup>2</sup> (Max 600 W/m <sup>2</sup> )
Average current	1.36 A/m <sup>2</sup>
Maximum current	2.70 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

