

NEC LED-10BF1 (10 mm Outdoor)

Order Code: 60003508

NEC 10mm outdoor LED Module

The NEC 10mm IP65 rated module can be used both indoor and outdoor. Its 10mm pitch is fine enough for indoor installation while the IP65 protection enables outdoor installations. The use of Nichia made LEDs secures outstanding image quality to represent your business as you expect it. These high quality LEDs also ensure unparalleled longevity making sure your investment is built to last.

The NEC 10mm LED module is a great solution for shopping centers, stadiums, large storefronts and other installations requiring a large screen, indoor or outdoor.

DELIVERING GENUINE BENEFITS

IP65 - rating ensuring protection from the elements in outdoor applications.

Outstanding picture quality - through the use of Nichia LEDs.

High brightness of up to 6,000 cd/m² - for good readability in direct sun light.

Ambient light sensor - to achieve optimum brightness levels and minimized power consumption.



OUTSTANDING PERFORMANCE

- **AUTO VIDEO WALL SETUP** Helps the installation move faster and easier, removing the hassle of predetermining the matrixing normally found in splitting the signal into its respective quadrant.
- **The 50cm x 50cm dimension** and light weight make handling and installation very easy.
- **The efficient design and high quality Nichia LEDs** ensure very low total cost of ownership though high lumen-to-watt ratio.
- **Designed for 24/7 operation**, the product will deliver long lasting quality even in heavy duty applications.



VIDEO DISTRIBUTOR

For the LED Wall you need always minimum one Video Distributor, if the size of the LED Wall is less than 25 Modules horizontal and 8 Modules vertical. If your LED Wall is larger you have to add a second Video Distributor.

VIDEO PROCESSOR

If you want to utilize different Video Sources, like Camera system, DVD Player, Set Top Box, etc, you need an additional Video processor, to manage the Video Sources.

SPECIAL CHARACTERISTICS



Technical Specification NEC LED-10BF1 (10 mm Outdoor)	
DISPLAY	
Pixel configuration	3-in-1 SMD
Number of Pixel per tile [dot]	48 x 48
Number of pixel per m²	96 x 96
Pixel Pitch [mm]	10.417
Brightness (typ.) [cd/m²]	6000
Contrast Ratio (typ.)	4000:1
Viewing Angle [°]	80/80 horizontal / 50/60 vertical
Dimming Capability	64 level
Color Processing	16 bit
LED Refresh Rate [kHz]	19.2
Colour Temperature [K]	3200; 5000; 6500 (default); 7500; 9300
Gamma Correction	1.8; 2; 2.2 (default); 2.4
INPUTS	
Digital Video in / out	DVI Connector; DVI with RS-422
Power in / out	Circular Connector
POWER CONSUMPTION	
Typical [W]	65
Maximum [W]	145 (full white and dimming 64 level)
Power Requirements	100-120 V/220-240 V; 50/60 Hz; 1.5 A/0.6 A; internal power supply
ENVIRONMENTAL CONDITIONS	
Operating Temperature [°C]	-20 to 50
Operating Humidity [%]	10 to 99
Storage Temperature [°C]	-30 to 60
Storage Humidity [%]	10 to 99
MECHANICAL	
Dimensions (W x H x D) [mm]	499.4 x 499.4 x 114
Weight [kg]	12.8
ADDITIONAL FEATURES	
IP Level	IP65
Certifications	C-tick; CE; FCC Class A; GOST; ROHS; SASO; TUV GS; UL; VCCI
Warranty	2 years