

NEC LED-15BF1 (15 mm Outdoor)

Order Code: 60003001

NEC 15mm outdoor LED Module

The NEC 15mm outdoor LED module with its light weight is designed to meet the demanding requirements of the rental market on the one hand and fixed installation, because of the low power consumption.

The NEC LED Solutions product for rental/staging as well as indoor retail signage market segment for far viewing application/venues and very bright environments.

DELIVERING GENUINE BENEFITS

LED displays - are the perfect solution to direct messages to the audience with far viewing distance.

Even in bright environments of modern architectures LED - with its high brightness is still able to impress the audience.

Total cost of ownership reduction - with long-life LED lamp made by Nichia, which creates the longest LED life available for a video wall.

Reduced Reflections - by using industry-leading contrast black LED and improved shader.

Modern, simple and easy tiling - for an unlimited amount of configurations to meet the needs of applications required for both indoor and outdoor locations.

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

ONE SOURCE DISPLAY SOLUTIONS - NEC Leadership and large Display Portfolio enables the customer to reduce the cost of purchase as all retail signage display technologies are available from NEC Display Solutions.



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 quadrants.
- Due to **THE LOW POWER CONSUMPTION.** The LED Solutions reduces the total cost of ownership for retail signage applications.
- **THE LED SOLUTIONS.** Enables the customer to reduce the cost of purchase as all retail signage display technologies are available from NEC Display Solutions.
- **FRONT AND BACK SERVICEABLE TILES.** Ensure a quick and easy repair on-site.



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-15BF1 (15 mm Outdoor)	
DISPLAY	
Pixel configuration	1R / 1G / 1B discrete LED
Number of Pixel per tile [dot]	32 x 32
Number of pixel per m²	64 x 64
Pixel Pitch [mm]	15.625
Brightness (typ.) [cd/m²]	7500
Contrast Ratio (typ.)	4500:1
Viewing Angle [°]	70/70 horizontal / 15/30 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]	135W (full white); 46W (50% gray 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 188
Weight [kg]	14
ADDITIONAL FEATURES	
IP Level	IP65
Certifications	C-tick; CE; FCC Class A; GOST; ROHS; SASO; TÜV GS; UL; VCCI
Warranty	2 years