

NEC LED-04AF1 (4mm indoor)

Order Code: 60003654

NEC 4mm indoor LED Module

The NEC 4mm indoor LED module is designed for customers requiring high resolution and outstanding picture quality. Due to the black Nichia LEDs used, this product delivers unparalleled contrast and uniformity.

The NEC 4mm module is ideal for indoor installations in universities, shopping malls, show rooms and similar applications.



DELIVERING GENUINE BENEFITS

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

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

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

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.

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

OUTSTANDING PERFORMANCE

- **AUTO VIDEOWALL 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 NEC 4mm modules are particularly efficient in terms of power.
- **FRONT AND SERVICEABLE TILES** Ensure a quick and easy repair on-site.
- **SUPERB VIEWING ANGLES** Enable the critical element of content to be seen at its best.



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-04AF1 (4mm indoor)	
DISPLAY	
Pixel configuration	3-in-1 SMD (Black)
Number of Pixel per tile [dot]	64 x 64
Number of pixel per m²	213 x 213
Pixel Pitch [mm]	4.688
Brightness (typ.) [cd/m²]	2000
Contrast Ratio (typ.)	4000:1
Viewing Angle [°]	70/70 horizontal / 70/70 vertical
Dimming Capability	64 level
Color Processing	16 bit
Refresh Rate [Hz]	> 1920
Colour Temperature [K]	3200; 5000; 6500 (default); 7500; 9300
Gamma Correction	1.8; 2; 2.2 (default); 2.4
INPUTS	
Digital	Circular connector; DVI with RS-422
Power In	1 x Circular connector
POWER CONSUMPTION	
Typical [W]	75W (full white); 20W (50% gray level)
Power Requirements	100-20 V/220-240 V; 50/60 Hz; 3 A/1.5 A; internal power supply
ENVIRONMENTAL CONDITIONS	
Operating Temperature [°C]	0 to 40
Operating Humidity [%]	10 to 90
Storage Temperature [°C]	-20 to 60
Storage Humidity [%]	10 to 90
MECHANICAL	
Dimensions (W x H x D) [mm]	300 x 300 x 100
Weight [kg]	3
ADDITIONAL FEATURES	
IP Level	IP2
Warranty	2 years