

NEC LED-06AF1

Order Code: 60003000

NEC 6mm indoor LED Module

The **NEC 6mm indoor 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 nearer viewing application/venues and very bright environments.



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 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-06AF1	
DISPLAY	
Pixel configuration	3-in-1 SMD (Black)
Number of Pixel per tile [dot]	80 x 80
Number of pixel per m ²	160 x 160
Pixel Pitch [mm]	6.25
Brightness (typ.) [cd/m ²]	2000
Contrast Ratio (typ.)	3500:1
Viewing Angle [°]	75/75 horizontal / 70/70 vertical
Color Processing	14 bit
Dimming Capability	64 level
Gamma Correction	1.8; 2; 2.2 (default); 2.4
Colour Temperature [K]	3200; 5000; 6500 (default); 7500; 9300
Refresh Rate [Hz]	> 800
INPUTS	
Digital	DVI-D Dual Link in/out
Power In	1 x Power In
Power Out	1 x Power Out
POWER CONSUMPTION	
Typical [W]	235W (full white); 78W (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]	-20 to 40
Operating Humidity [%]	10 to 90
Storage Temperature [°C]	-30 to 60
Storage Humidity [%]	10 to 90
ADDITIONAL FEATURES	
IP Level	IP2
Life Time [hrs]	> 100,000
Guaranty	2 years
MECHANICAL	
Dimensions (W x H x D) [mm]	500 x 500 x 170
Weight [kg]	12.7