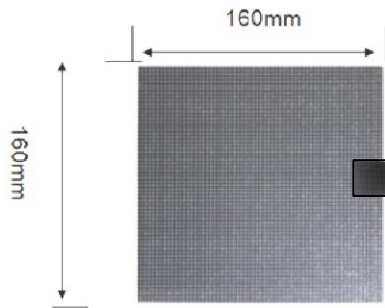# Indoor and Outdoor LED Video Wall

Visual Impact and Ultimate Versatility

Closed-loop LED video wall display is designed with flexibly, to support a wide range of indoor and outdoor applications with a variety of pixel pitches. It has a feature of a quick-install, self-supporting mounting system and self-contained LED cabinet design making it capable of covering a wide range of video wall installation strategies including: wall or ceiling-mounting, hanging, stacking and mounting individual LED cabinets directly to customize frames.
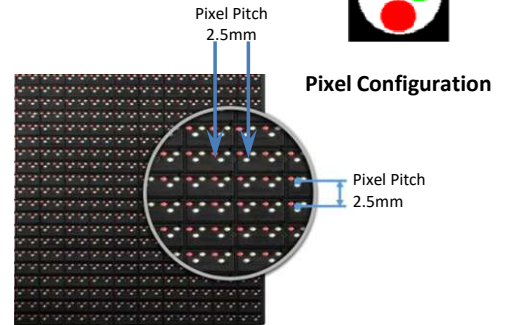
Closed-loop LED Video Wall offers stunning picture quality, 24x7 reliability performance, intuitive LED health and system status monitoring along with unprecedented ease of operation. This seamless video walls deliver the high contrast, high brightness and high impact at an affordable price.

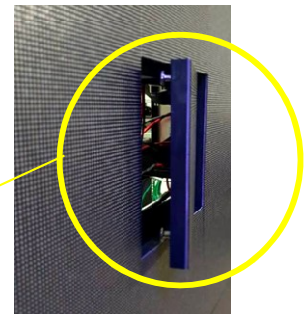| PARAMETERS	VALUE
Brightness (calibrating value)	≥1000cd/m²
LED chip	Epistar or MB15124
LED Lamp	Nationstar
Viewing Angle	Horizontal axis 120°, Vertical axis 120°
Best Viewing Distance	>2m
Brightness Adjustment	By software (0-100 levels adjustable)
Grey Scale	≥14Bit
Display Colors	4.4 trillion colors
Refresh Rate	≥1920Hz
Frame Rate	≥ 60 Hz
Drive Type	Constant current drive
Scan Type	1/32 scanning
Control Mode	Synchronous control
Screen Power Consumption	Average: 400W/m2; Max: 800W/m2
Operating Temperature	-10℃~+50℃
Humidity	10%~95%
Protection Grade	IP30
Earth Leakage Current	<20mA
Input Voltage	AC220V/50Hz or AC110V/60Hz
Blind Spot Rate	<0.0001
Lifespan	>100,000 hours
Data Transmission	Parallel RS 422 mode
Systems Operating Platform	WINDOWS (WIN98, WIN2000, WINXP, VISTA, WIN7), with a friendly UI, and interface for secondary development.

Standard Module Size

Module Rear View

Module Front View

Pixel Configuration

Dimensions (W x H)	160mm*160mm	Resolution (H x W)	64*64
Pixel Pitch (mm)	2.5	Pixel Density	160000pixels/m²
Pixel Configuration	SMD 1515		

Standard Cabinet Size
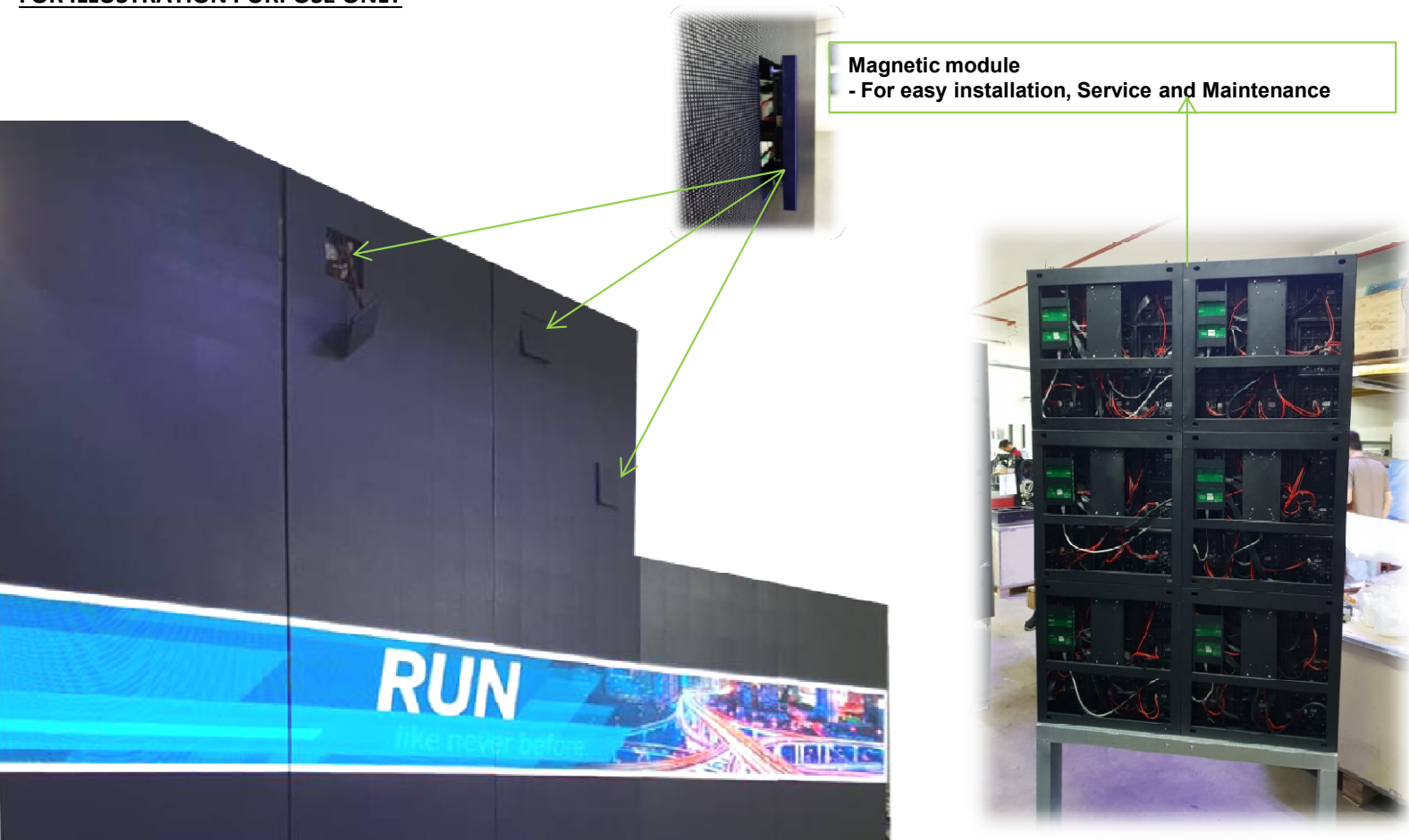

Side View

Back View

Sample of 1 Magnetic module

Sample of an LED Wall Cabinet (Composed of 9 Magnetic Modules)

Dimensions (H x W)	480mm x 480mm	Module Quantity	9pcs
Physical Resolution (H x W)	192dots x 192dots	Physical Pixels (total)	160000dot/m²
Weight/Cabinet	0.3kg/module		

Magnetic module
- For easy installation, Service and Maintenance

A Modular Design Approach

Closed-loop compact cabinets serve as self-contained units, each with power and data in and loop outputs. Cabinets can be mounted to standard 1x1 or 2x2 or can be mounted to custom frames to suit an application.
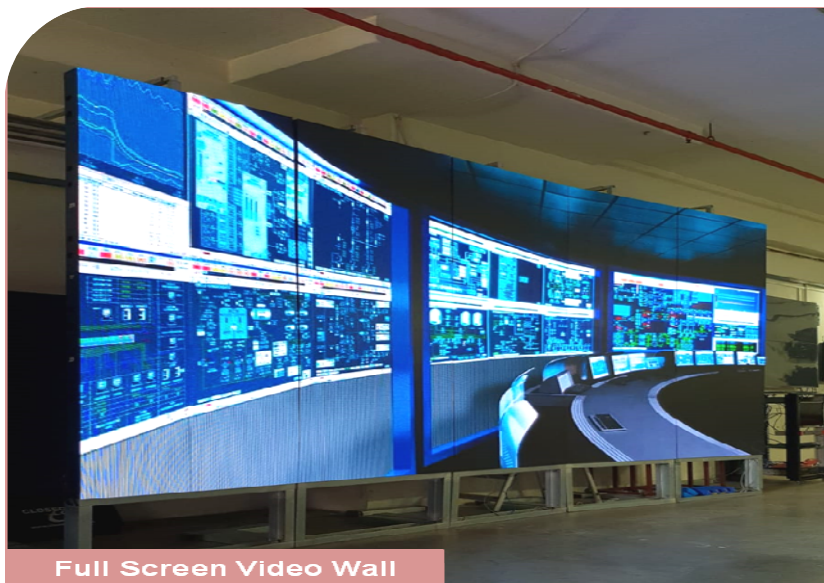
Fits in Virtually Any Space

Closed-loop unique, self-contained cabinets are perfectly suited for fixed indoor and outdoor signage applications in retail and hospitality verticals.

Its modular design supports space-challenged applications and video walls of custom shapes and sizes. No other LED video wall product can be mounted, installed and serviced in as many ways.

This is the LED video wall display that can be designed making it the go-to LED video wall solution for both open spaces and narrow columns, thin banners and other space-challenged installations, providing the ultimate in video wall design creativity.

The Mounting system, available in a 1x1 or 2x2 version, is comprised of a die-cast aluminium interlocking frame structure that supports wall or ceiling-mounted, hung or stacked installations. An optional rental kit provides rear handles and cam-action, interlocking hardware for fast-up and fast-down applications. With an ADA-compliant installation depth of less than four inches, this Mounting brings seamless integration into nearly any environment, along with ultimate design flexibility.

Portrait Video Wall

Full Screen Video Wall

Horizontal Banner

Project Reference:

THE KITCHEN BY WOLFGANG PUCK

HUDSONS COFFEE

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