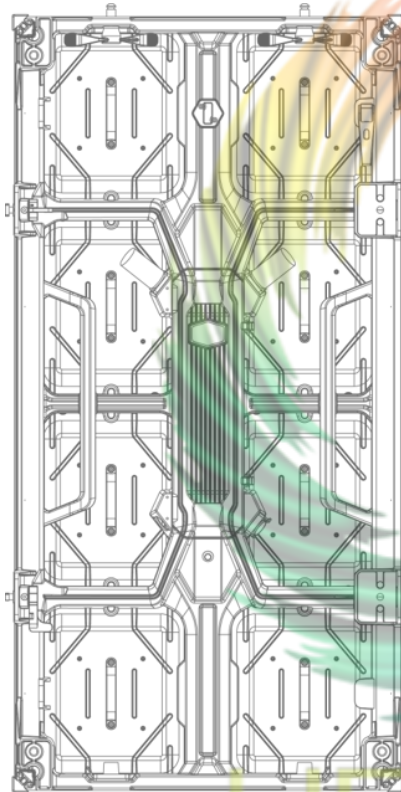


# Ai SERIES

DESIGNED FOR **INDOOR** SOLUTIONS

# CONTENTS

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A

**Analysis**

B

**Field of Application**

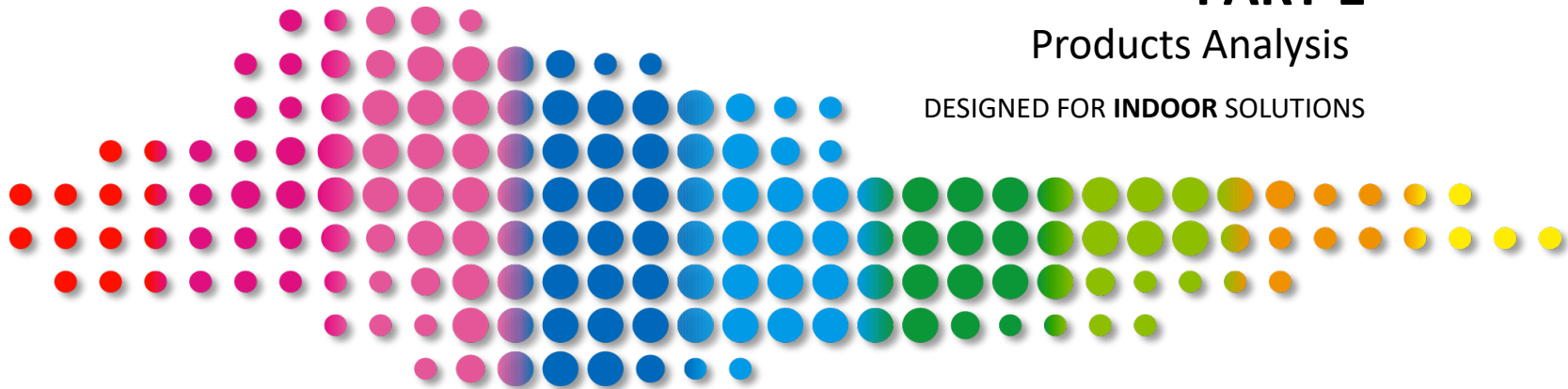
C

**Features**

1. Design
2. Performance
3. Structure

D

**Specification**



# PART 1

## Products Analysis

DESIGNED FOR **INDOOR** SOLUTIONS

# Ai Series

-P1.9/2.5/2.6/2.9/3.9

## Product Analysis



A

Lightweight structure

A

Dual purpose

A

Corner optional - Curved cabinet option

A

Smart module

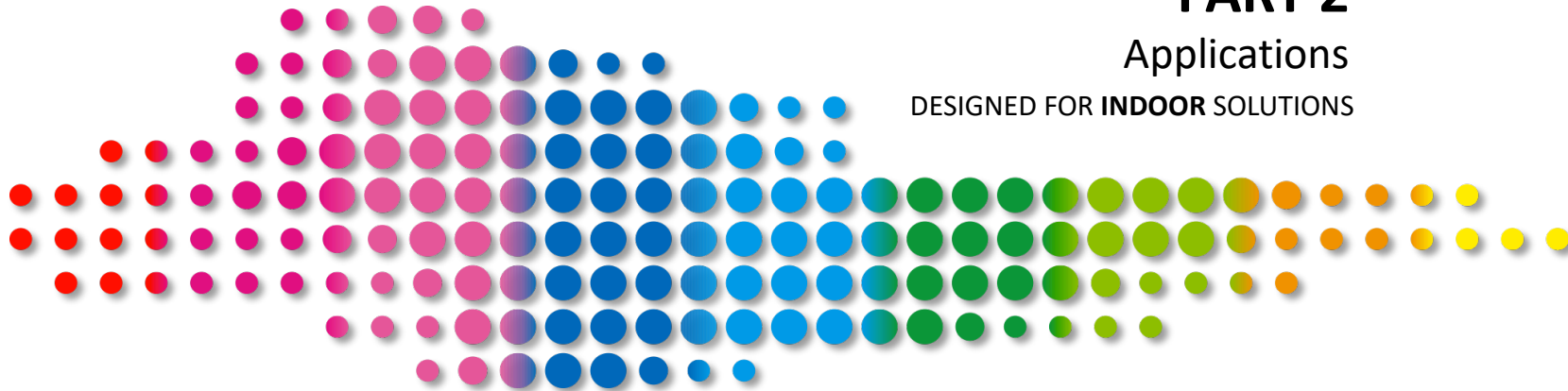
A

Front and rear maintenance

A

Cabinet size: 500mmX500mm、500mmX1000mm  
Module size: 250mmX250mm

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# PART 2

## Applications

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## FIELD OF APPLICATION

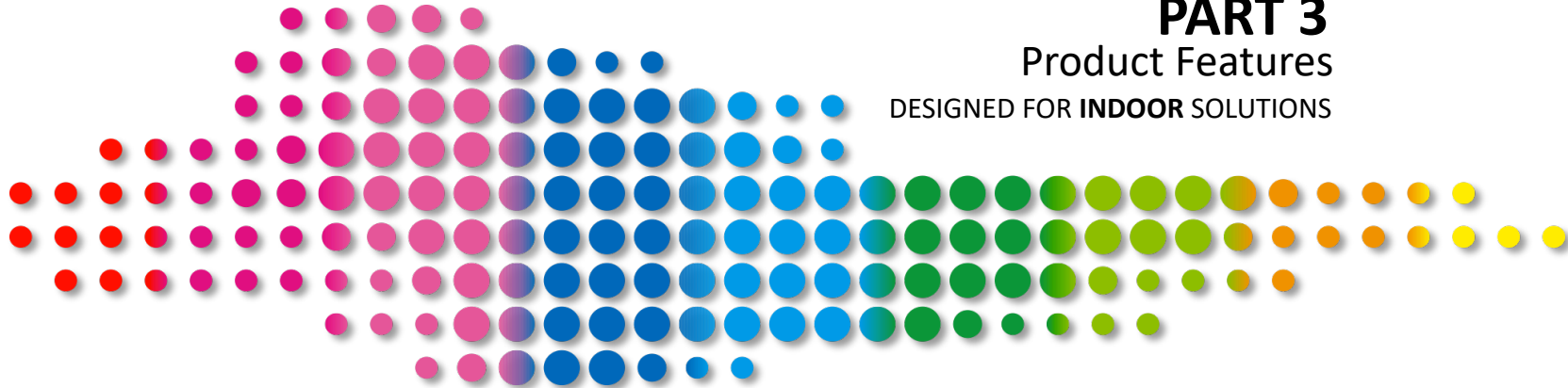
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- Multi-function
- Large-scale application
- Design for fix

### APPLICATIONS:

BOARDROOM, SPECIALTY STORES, MEETING ROOMS

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# PART 3

## Product Features

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- Ultra slim and light , the weight of per 500mm x 1,000mm LED cabinet is just **12kg**, the thinness of the cabinet only **65mm**.

### 3.1 · DESIGN LIGHTWEIGHT CABINET



Super thin

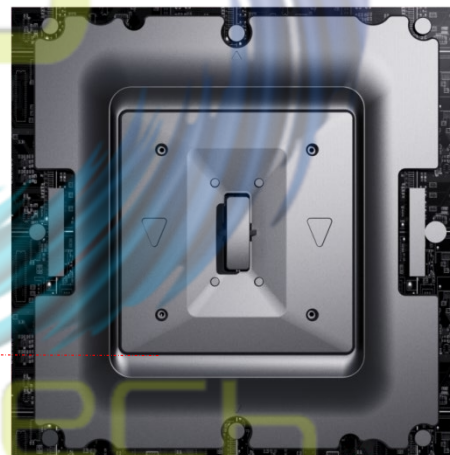
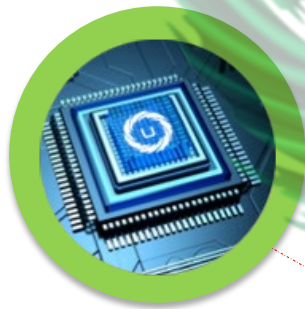


Super light

[unitechdigitalmedia.it](http://unitechdigitalmedia.it)



- Optional **smart module** with calibration storage function



## DUAL PURPOSE



AND

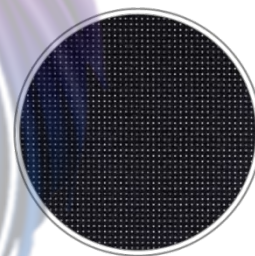


- Dual Use for **Rental** and **Fixed** Applications

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### 3.3 · STRUCTURE CABINET UPGRADE

- Higher cabinet structure strength,  
**better flatness.**



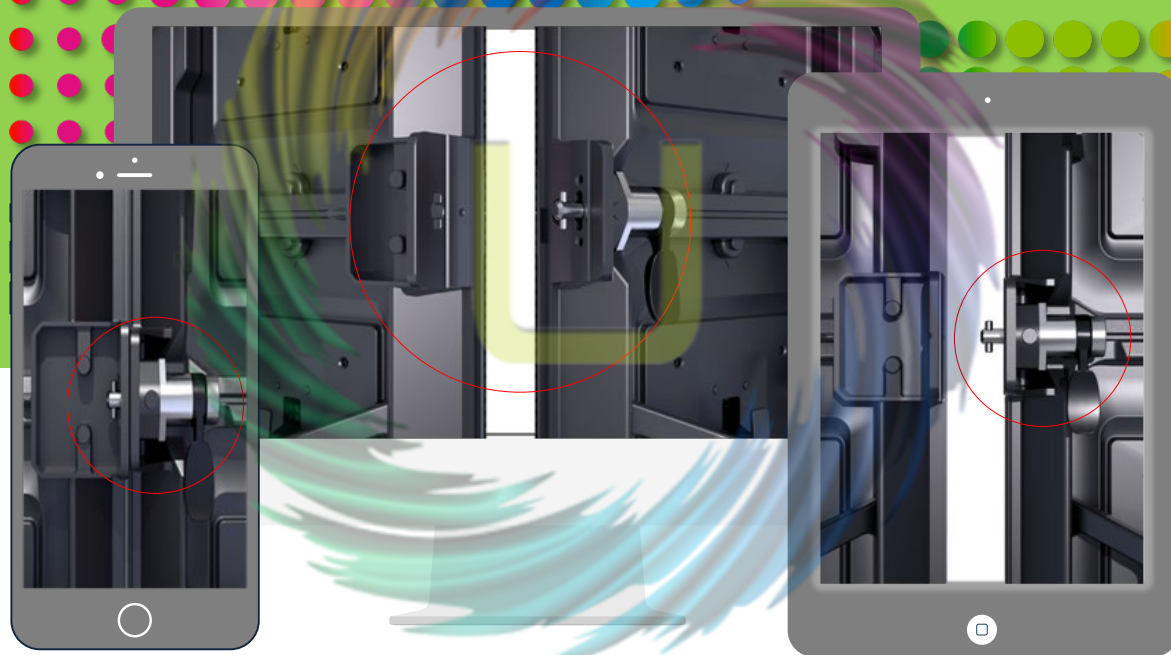
## MODULE UPGRADE



- **Special module bottom case design** is used to reduce the module deformation caused by bottom case deformation of module.

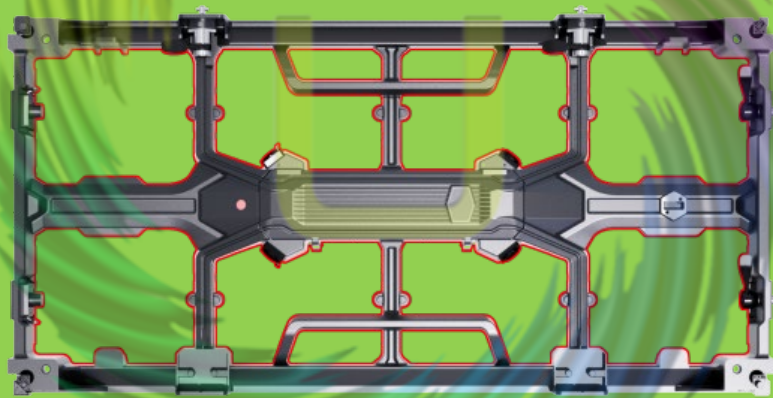
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## QUICK INSTALLATION



- Automatic up lock and down lock is made to realize quick and simple installation;

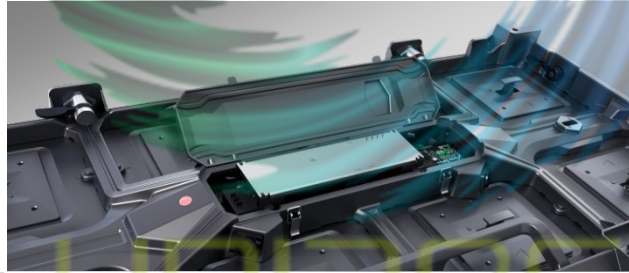
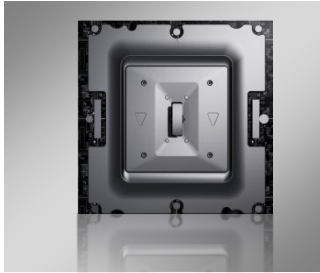
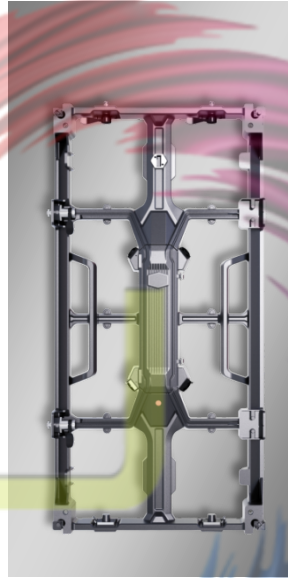
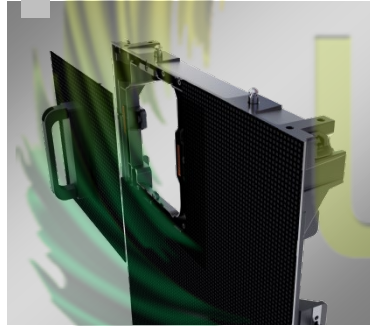
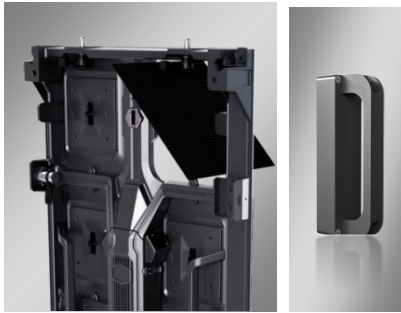
## CONVENIENT MODULE INSTALLATION



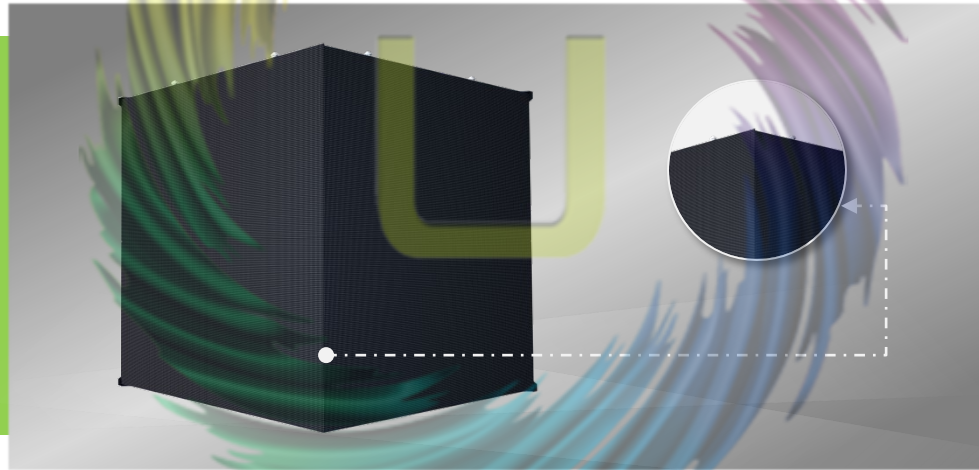
- Hard connection is adopted for module; no lead wire for power supply, the maintenance space is larger and tidier;

## FRONT AND REAR MAINTENANCE

- Both module and control box can be removed from front and rear in an easy way.



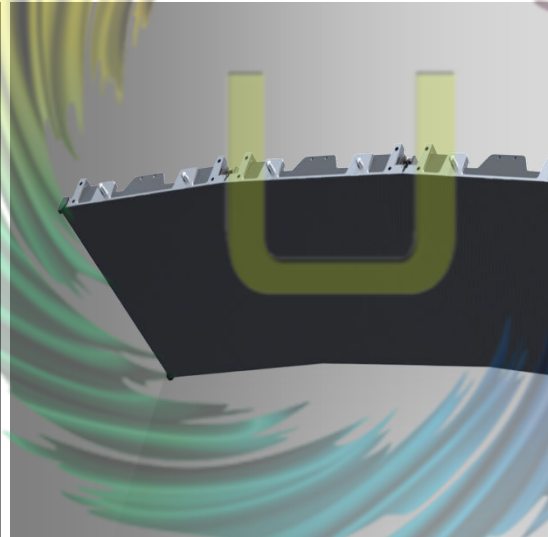
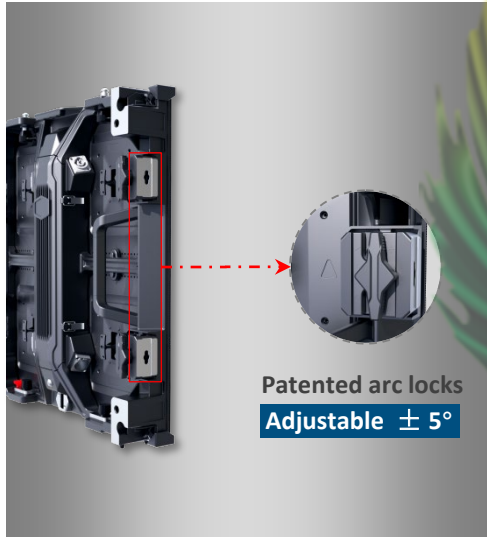
## CORNER OPTIONAL



- Unique cabinet design to realize 90° seamless corner at low-cost. Two side locks to ensure a connection which is solid and precise, but also simple and quick to handle.



## CURVED CABINET OPTION

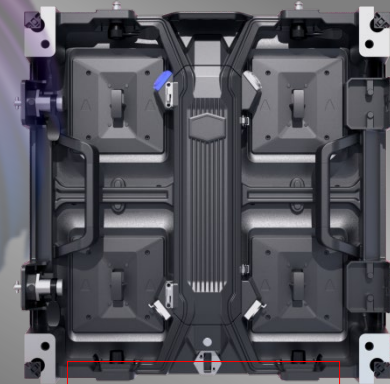


The patented arc locks can be adjustable  $\pm 5^\circ$  which can easily achieve concave and convex screen. The lock provide a super strong connection while keeping the curve option with convenience in operation, precision in connection.

## MULTIPLE PROTECTION ON LEDS (1)

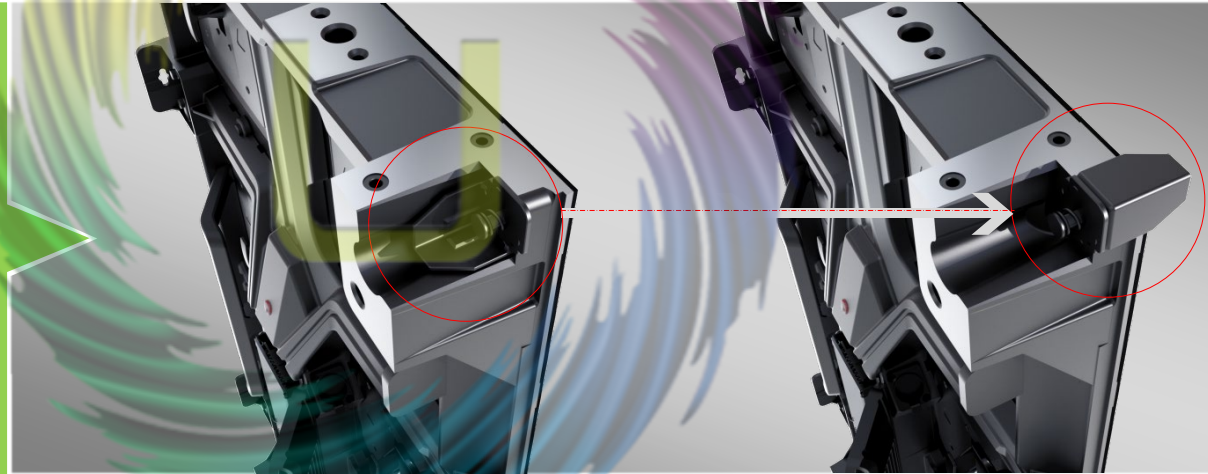


- Extruded step on bottom of the panel, protective and solid ground standing



## MULTIPLE PROTECTION ON LEDS (2)

- Corner protector prevent the lamp from being damaged during the transportation



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STRUCTURE PICTURE

Receiving card

power

Rear  
cover

Module

HUB  
card

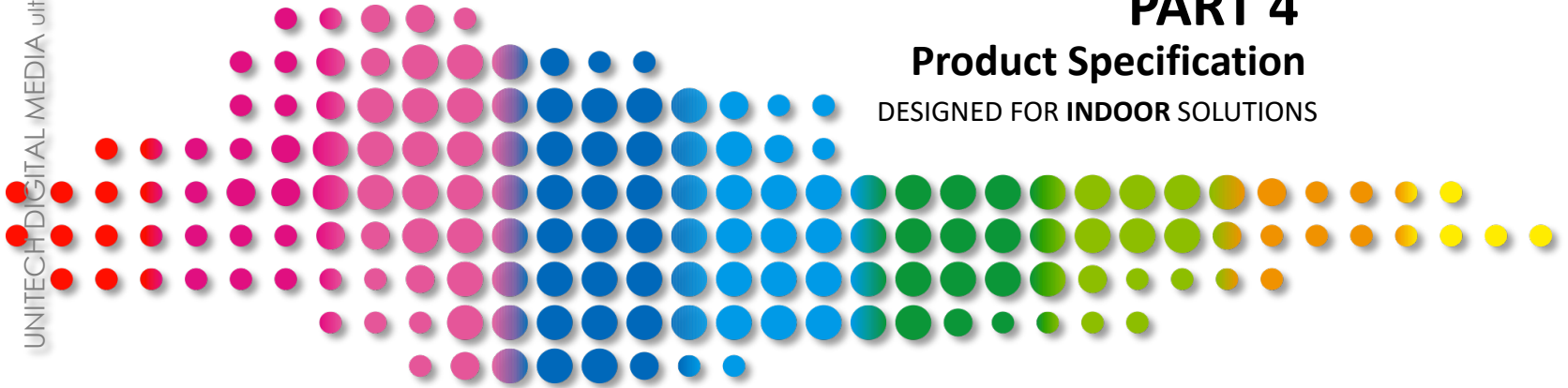
Cabinet

# AN SERIES

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# PART 4

## Product Specification

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Model		AN1.9	AN2.5	AN2.6
Physical parameters	Pixel Configuration	SMD1010	SMD2020	SMD2020
	Pixel matrix per panel	256 x256	200x400	192x384
	Cabinet Dimensions (WxHxD)	500 x500mm	500 x1000mm	500 x1000mm
	Module Dimensions (WxH)	250 x250mm	250 x250mm	250 x250mm
	Module weight (kg/panel)	6	12	12
Electronic parameters	Color Grayscale (Bit)	12-15bit	12-15bit	12-15bit
	Refresh Rate (Hz)	1920Hz -3840Hz	1920Hz -3840Hz	1920Hz -3840Hz
	Driving Type	1/32scan	1/25scan	1/24scan
	Signal Transmission Distance	CAT5 cable:<100 m; Single mode fiber:<10 km	CAT5 cable:<100 m; Single mode fiber:<10 km	CAT5 cable:<100 m; Single mode fiber:<10 km
Optoelectronic parameters	Brightness (nits)	1000	1000	1000
	Optimal Horizontal Viewing Angle	160°	160°	160°
	Optimal Vertical Viewing Angle	160°	160°	160°
Electrical parameters	AC Input Voltage (V)	AC:100-240V	AC:100-240V	AC:100-240V
	AC Input Power Maximum Value	100	132	132
	AC Input Power Typical Value	50	44	44
Circumstance Parameter	Storage Temperature (°C)	-40 -60°C	-40 -60°C	-40 -60°C
	Working Temperature (°C)	0 -40°C	0 -40°C	0 -40°C
	IP rating (Front/Rear)	IP40/IP20	IP40/IP20	IP40/IP20
	Working Humidity (RH)	10%-60%non-condensing	10%-60%non-condensing	10%-60% non-condensing
	Lifetime Typical Value (hrs)	≥100000	≥100000	≥100000
Installation	Cabinet installation	fix	fix	fix

Model		AN2.9	AN3.9
Physical parameters	Pixel Configuration	SMD2020	SMD2020
	Pixel matrix per panel	168x336	128x256
	Cabinet Dimensions (WxHxD)	500 x1000mm	500 x1000mm
	Module Dimensions (WxH)	250 x500mm	250 x250mm
	Cabinet weight (kg/panel)	12	12
Electronic parameters	Color Grayscale (Bit)	12-15bit	12-15bit
	Refresh Rate (Hz)	1920Hz -3840Hz	1920Hz -3840Hz
	Driving Type	1/21scan	1/16scan
	Signal Transmission Distance	CAT5 cable: <100 m; Single mode fiber: <10 km	CAT5 cable: <100 m; Single mode fiber: <10 km
Optoelectronic parameters	Brightness (nits)	1000	1000
	Optimal Horizontal Viewing Angle	160°	160°
	Optimal Vertical Viewing Angle	160°	160°
Electrical parameters	AC Input Voltage (V)	AC100-240V	AC100-240V
	AC Input Power Maximum Value	120	260
	AC Input Power Typical Value	40	130
Circumstance Parameter	Storage Temperature (°C)	-40 -60°C	-40 -60°C
	Working Temperature (°C)	0 -40°C	0 -40°C
	IP rating (Front/Rear)	IP40/IP20	IP40/IP20
	Working Humidity (RH)	10%-60% non-condensing	10%-60% non-condensing
	Lifetime Typical Value (hrs)	≥100000	≥100000
Installation	Cabinet installation	fix	fix



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