

## P22mm Outdoor Full Color



### Function and Technology Character

- (1) Multiplied file formats, such as AVI, MOV, MPG, DAT, VOB are comprehensive, and also we have three display mode as VGA+VIDE and VGA. There are also interfaces for Sound signal and video signal.
- (2) 4096 grade grey control system and the color is over 16.7 millions, and the brightness, contrast, saturation, chroma can be adjusted by manual and sensor, whose scope is 256 grade.
- (3) Show all kinds of word, text, graph, picture, video, 2-dimension, 3-dimension cartoon and other information with your PC does synchronously.
- (4) Line-Double technology is adopted for the picture adjustment.
- (5) Can be connected with PC and the web net and show the content, and also can be controlled remotely via VPM+ADSL.
- (6) Can be used outdoor in all kinds of weather, and excellent capability of antiseptis, waterproof.

### Spec Parameters

Cotco/Cree/Axt/Silan/Taiwan LED lamps

Display and control feature		Structure feature	
Specification	Parameter	Specification	Parameter
Pixel Pitch	22 mm	Module size	352 mm*176 mm
Pixel composing	2R1G1B	Display resolution/module	16 dots*8 dots
Wavelength (R)	625±5	Standard cabinet size	896 mm*672 mm
Wavelength (G)	522±3	Weight per sqm	65 Kg/sqm
Wavelength (B)	567±3	Protection classification	IP65
Wave Angle (H)	140°(H)/ 60°	Install mode	Wallmount, hung and stand structure
LED package	DIP 546	Cabinet Material	Iron/Aluminum
Density per sqm	2066 pixel	<b>Working power</b>	
Display color	256*256*256	Specification	Parameter
Whiteness brightness	≥6000	Working voltage	AC 220v/380v±10% 47~64Hz
Brightness level	128 grade	Max power/sqm	650W/sqm
Changing frame frequency	60 Hz	Average power/sqm	350W/sqm
Refresh	400 Hz	Short circuit protection	Yes
Driving method	1/4 Constant Driving		
Control mode	synchronous	<b>Working environment</b>	
Display port	DVI	Specification	Parameter
Display mode	1024*768 /1024*1024	Environment	Outdoor
Out of control	1/10,000 ( scattered)	Working temperature	--20~50℃
lifetime	100,000 hours	Working Humidity	10~90%

**Nichia LED lamp**

Display and control feature		Structure feature	
Specification	Parameter	Specification	Parameter
Pixel Pitch	22 mm	Module size	352 mm*176 mm
Pixel composing	2R1G1B	Display resolution/module	16 dots*8 dots
Wavelength (R)	628±8	Standard cabinet size	896 mm*672 mm
Wavelength (G)	527±8	Weight per sqm	50 Kg/sqm
Wavelength (B)	470±5	Protection classification	IP65
Wave Angle (H)	110°(H)/ 140°	Install mode	Wall mount, hung and stand structure
LED package	DIP346	Cabinet Material	Iron/Aluminum
Density per sqm	2066 pixel	<b>Working power</b>	
Display color	256*256*256	Specification	Parameter
Whiteness brightness	≥6000	Working voltage	AC 220v±10% 50Hz output 5VDC
Brightness level	128 grade	Max power/sqm	800W/sqm
Changing frame frequency	60 Hz	Average power/sqm	400W/sqm
Refresh	400 Hz	Short circuit protection	Yes
Driving method	1/4 Constant Driving	Led Lamp type	Nichia/Cotco/Cree/Axt/Silan/Taiwan
Control mode	synchronous	<b>Working environment</b>	
Display port	DVI	Specification	Parameter
Display mode	1024*768 /1024*1024	Environment	Outdoor
Out of control	1/10,000 ( scattered)	Working temperature	--20~60°C
lifetime	100,000 hours	Working Humidity	10~90%

## P14mm Outdoor Full Color



### Function and Technology Character

- (1) Multiplied file formats, such as AVI, MOV, MPG, DAT, VOB are comprehensive, and also we have three display mode as VGA+VIDE and VGA. There are also interfaces for Sound signal and video signal.
- (2) 4096 grade grey control system and the color is over 16.7 millions, and the brightness, contrast, saturation, chroma can be adjusted by manual and sensor, whose scope is 256 grade.
- (3) Show all kinds of word, text, graph, picture, video, 2-dimension, 3-dimension cartoon and other information with your PC does synchronously.
- (4) Line-Double technology is adopted for the picture adjustment.
- (5) Can be connected with PC and the web net and show the content, and also can be controlled remotely via VPM+ADSL.
- (6) Can be used outdoor in all kinds of weather, and excellent capability of antiseptis, waterproof.

### Spec Parameters

Display and control feature		Structure feature	
Specification	Parameter	Specification	Parameter
Pixel Pitch	14 mm	Module size	224 mm*112 mm
Pixel composing	2R1G1B	Display resolution/module	16 dots*8 dots
Wavelength (R)	625±5	Standard cabinet size	896 mm*672 mm
Wavelength (G)	522±3	Weight per sqm	65 Kg/sqm
Wavelength (B)	567±3	Protection classification	IP65
Wave Angle (H)	140°(H)/ 60°	Install mode	Wall mount, hung and stand structure
LED package	DIP 346	Cabinet Material	Iron/Aluminum
Density per sqm	5102 pixel	<b>Working power</b>	
Display color	256*256*256	Specification	Parameter
Whiteness brightness	≥4500	Working voltage	AC 220v/380v±10% 47~64Hz
Brightness level	128 grade	Max power/sqm	550W/sqm
Changing frame frequency	60 Hz	Average power/sqm	300W/sqm
Refresh	400 Hz	Short circuit protection	Yes
Driving method	1/4 Constant Driving	Led Lamp type	Nichia/Cotco/Cree/Axt/Silan/Taiwan
Control mode	synchronous	<b>Working environment</b>	
Display port	DVI	Specification	Parameter
Display mode	1024*768 /1024*1024	Environment	Outdoor
Out of control	1/10,000 ( scattered)	Working temperature	--20~50℃
lifetime	100,000 hours	Working Humidity	10~90%

## P31.25mm Outdoor Full Color



### Function and Technology Character

- (1) Multiplied file formats, such as AVI, MOV, MPG, DAT, VOB are comprehensive, and also we have three display mode as VGA+VIDE and VGA. There are also interfaces for Sound signal and video signal.
- (2) 4096 grade grey control system and the color is over 16.7 millions, and the brightness, contrast, saturation, chroma can be adjusted by manual and sensor, whose scope is 256 grade.
- (3) Show all kinds of word, text, graph, picture, video, 2-dimension, 3-dimension cartoon and other information with your PC does synchronously.
- (4) Line-Double technology is adopted for the picture adjustment.
- (5) Can be connected with PC and the web net and show the content, and also can be controlled remotely via VPM+ADSL.
- (6) Can be used outdoor in all kinds of weather, and excellent capability of antiseptis, waterproof.

### Spec Parameters

Display and control feature		Structure feature	
Specification	Parameter	Specification	Parameter
Pixel Pitch	31.5 mm	Module size	125 mm*250 mm
Pixel composing	4R2G2B	Display resolution/module	4 dots*8 dots
Wavelength (R)	625±5	Standard cabinet size	1000 mm*1000 mm
Wavelength (G)	522±3	Weight per sqm	65 Kg/sqm
Wavelength (B)	567±3	Protection classification	IP65
Wave Angle (H)	140°(H)/ 60°	Install mode	Wall mount, hung and stand structure
LED package	DIP546	Cabinet Material	Iron/Aluminum
Density per sqm	1026 pixel	<b>Working power</b>	
Display color	256*256*256	Specification	Parameter
Whiteness brightness	≥7500cd	Working voltage	AC 220v/380v±10% 47~64Hz
Brightness level	128 grade	Max power/sqm	850W/sqm
Changing frame frequency	60 Hz	Average power/sqm	400W/sqm
Refresh	400 Hz	Short circuit protection	Yes
Driving method	Constant Static	Led Lamp type	Nichia/Cotco/Cree/Axt/Silan/Taiwan
Control mode	synchronous	<b>Working environment</b>	
Display port	DVI	Specification	Parameter
Display mode	1024*768 /1024*1024	Environment	Outdoor
Out of control	1/10,000 ( scattered)	Working temperature	--20~50℃
lifetime	100,000 hours	Working Humidity	10~90%

## P25mm Outdoor Full Color



### Function and Technology Character

- (1) Multiplied file formats, such as AVI, MOV, MPG, DAT, VOB are comprehensive, and also we have three display mode as VGA+VIDE and VGA. There are also interfaces for Sound signal and video signal.
- (2) 4096 grade grey control system and the color is over 16.7 millions, and the brightness, contrast, saturation, chroma can be adjusted by manual and sensor, whose scope is 256 grade.
- (3) Show all kinds of word, text, graph, picture, video, 2-dimension, 3-dimension cartoon and other information with your PC does synchronously.
- (4) Line-Double technology is adopted for the picture adjustment.
- (5) Can be connected with PC and the web net and show the content, and also can be controlled remotely via VPM+ADSL.
- (6) Can be used outdoor in all kinds of weather, and excellent capability of antisepsis, waterproof.

### Spec Parameters

Display and control feature		Structure feature	
Specification	Parameter	Specification	Parameter
Pixel Pitch	25 mm	Module size	200 mm*200 mm
Pixel composing	2R1G1B	Display resolution/module	8 dots*8 dots
Wavelength (R)	625±5	Standard cabinet size	1000 mm*1000 mm
Wavelength (G)	522±3	Weight per sqm	65 Kg/sqm
Wavelength (B)	567±3	Protection classification	IP65
Wave Angle (H)	140°(H)/ 60°	Install mode	Wall mount, hung and stand structure
LED package	DIP546	Cabinet Material	Iron/Aluminum
Density per sqm	1600 pixel	<b>Working power</b>	
Display color	256*256*256	Specification	Parameter
Whiteness brightness	≥5000cd	Working voltage	AC 220v/380v±10% 47~64Hz
Brightness level	128 grade	Max power/sqm	650W/sqm
Changing frame frequency	60 Hz	Average power/sqm	400W/sqm
Refresh	400 Hz	Short circuit protection	Yes
Driving method	Constant Static	Led Lamp type	Nichia/Cotco/Cree/Axt/Silan/Taiwan
Control mode	synchronous	<b>Working environment</b>	
Display port	DVI	Specification	Parameter
Display mode	1024*768 /1024*1024	Environment	Outdoor
Out of control	1/10,000 (scattered)	Working temperature	--20~50℃
lifetime	100,000 hours	Working Humidity	10~90%

## P20mm Outdoor Full Color



### Function and Technology Character

- (1) Multiplied file formats, such as AVI, MOV, MPG, DAT, VOB are comprehensive, and also we have three display mode as VGA+VIDE and VGA. There are also interfaces for Sound signal and video signal.
- (2) 4096 grade grey control system and the color is over 16.7 millions, and the brightness, contrast, saturation, chroma can be adjusted by manual and sensor, whose scope is 256 grade.
- (3) Show all kinds of word, text, graph, picture, video, 2-dimension, 3-dimension cartoon and other information with your PC does synchronously.
- (4) Line-Double technology is adopted for the picture adjustment.
- (5) Can be connected with PC and the web net and show the content, and also can be controlled remotely via VPM+ADSL.
- (6) Can be used outdoor in all kinds of weather, and excellent capability of antisepsis, waterproof.

### Spec Parameters

#### Cotco/Cree/Axt/Silan/Taiwan LED lamps

Display and control feature		Structure feature	
Specification	Parameter	Specification	Parameter
Pixel Pitch	20 mm	Module size	320 mm*160 mm
Pixel composing	2R1G1B	Display resolution/module	16 dots*8 dots
Wavelength (R)	625±5	Standard cabinet size	1280 mm*960 mm
Wavelength (G)	522±3	Weight per sqm	65 Kg/sqm
Wavelength (B)	567±3	Protection classification	IP65
Wave Angle (H)	140°(H)/ 60°	Install mode	Wall mount, hung and stand structure
LED package	DIP546	Cabinet Material	Iron/Aluminum
Density per sqm	2500 pixel	<b>Working power</b>	
Display color	256*256*256	Specification	Parameter
Whiteness brightness	≥6500	Working voltage	AC 220v/380v±10% 47~64Hz
Brightness level	128 grade	Max power/sqm	750W/sqm
Changing frame frequency	60 Hz	Average power/sqm	400W/sqm
Refresh	400 Hz	Short circuit protection	Yes
Driving method	Constant Static	Led Lamp type	Cree
Control mode	synchronous	<b>Working environment</b>	
Display port	DVI	Specification	Parameter
Display mode	1024*768 /1024*1024	Environment	Outdoor
Out of control	1/10,000 ( scattered)	Working temperature	--20~50℃
lifetime	100,000 hours	Working Humidity	10~90%

## P18mm Outdoor Full Color



### Function and Technology Character

- (1) Multiplied file formats, such as AVI, MOV, MPG, DAT, VOB are comprehensive, and also we have three display mode as VGA+VIDE and VGA. There are also interfaces for Sound signal and video signal.
- (2) 4096 grade grey control system and the color is over 16.7 millions, and the brightness, contrast, saturation, chroma can be adjusted by manual and sensor, whose scope is 256 grade.
- (3) Show all kinds of word, text, graph, picture, video, 2-dimension, 3-dimension cartoon and other information with your PC does synchronously.
- (4) Line-Double technology is adopted for the picture adjustment.
- (5) Can be connected with PC and the web net and show the content, and also can be controlled remotely via VPM+ADSL.
- (6) Can be used outdoor in all kinds of weather, and excellent capability of antiseptis, waterproof.

### Spec Parameters

Display and control feature		Structure feature	
Specification	Parameter	Specification	Parameter
Pixel Pitch	18 mm	Module size	288 mm*144 mm
Pixel composing	2R1G1B	Display resolution/module	16 dots*8 dots
Wavelength (R)	625±5	Standard cabinet size	1152 mm*864 mm
Wavelength (G)	522±3	Weight per sqm	65 Kg/sqm
Wavelength (B)	567±3	Protection classification	IP65
Wave Angle (H)	140°(H)/ 60°	Install mode	Wall mount, hung and stand structure
LED package	DIP546	Cabinet Material	Iron/Aluminum
Density per sqm	3086 pixel	<b>Working power</b>	
Display color	256*256*256	Specification	Parameter
Whiteness brightness	≥6000	Working voltage	AC 220v/380v±10% 47~64Hz
Brightness level	128 grade	Max power/sqm	950W/sqm
Changing frame frequency	60 Hz	Average power/sqm	500W/sqm
Refresh	400 Hz	Short circuit protection	Yes
Driving method	Constant Static		
Control mode	synchronous	<b>Working environment</b>	
Display port	DVI	Specification	Parameter
Display mode	1024*768 /1024*1024	Environment	Outdoor
Out of control	1/10,000 ( scattered)	Working temperature	--20~50℃
lifetime	100,000 hours	Working Humidity	10~90%

**Nichia LED lamp**

Display and control feature		Structure feature	
Specification	Parameter	Specification	Parameter
Pixel Pitch	18 mm	Module size	288 mm*144 mm
Pixel composing	2R1G1B	Display resolution/module	16 dots*8 dots
Wavelength (R)	628±8	Standard cabinet size	1152 mm*864 mm
Wavelength (G)	527±8	Weight per sqm	60 Kg/sqm
Wavelength (B)	470±5	Protection classification	IP65
Wave Angle (H)	110°(H)/ 140°	Install mode	Wallmount, hung and stand structure
LED package	DIP346	Cabinet Material	Iron/Aluminum
Density per sqm	3086 pixel	<b>Working power</b>	
Display color	256*256*256	Specification	Parameter
Whiteness brightness	≥6000	Working voltage	AC 220v±10% 50Hz output 5VDC
Brightness level	128 grade	Max power/sqm	1200W/sqm
Changing frame frequency	60 Hz	Average power/sqm	600W/sqm
Refresh	400 Hz	Short circuit protection	Yes
Driving method	Constant Static	Led Lamp type	Nichia
Control mode	synchronous	<b>Working environment</b>	
Display port	DVI	Specification	Parameter
Display mode	1024*768 /1024*1024	Environment	Outdoor
Out of control	1/10,000 ( scattered)	Working temperature	--20~60℃
lifetime	100,000 hours	Working Humidity	10~90%



## P16mm Outdoor Full Color



### Function and Technology Character

- (1) Multiplied file formats, such as AVI, MOV, MPG, DAT, VOB are comprehensive, and also we have three display mode as VGA+VIDE and VGA. There are also interfaces for Sound signal and video signal.
- (2) 4096 grade grey control system and the color is over 16.7 millions, and the brightness, contrast, saturation, chroma can be adjusted by manual and sensor, whose scope is 256 grade.
- (3) Show all kinds of word, text, graph, picture, video, 2-dimension, 3-dimension cartoon and other information with your PC does synchronously.
- (4) Line-Double technology is adopted for the picture adjustment.
- (5) Can be connected with PC and the web net and show the content, and also can be controlled remotely via VPM+ADSL.
- (6) Can be used outdoor in all kinds of weather, and excellent capability of antiseptis, waterproof.

### Spec Parameters

Cotco/Cree/Axt/Silan/Taiwan LED lamps

Display and control feature		Structure feature	
Specification	Parameter	Specification	Parameter
Pixel Pitch	16 mm	Module size	256 mm*128 mm
Pixel compositing	2R1G1B	Display resolution/module	16 dots*8 dots
Wavelength (R)	625±5	Standard cabinet size	1024 mm*768 mm
Wavelength (G)	522±3	Weight per sqm	65 Kg/sqm
Wavelength (B)	567±3	Protection classification	IP65
Wave Angle (H)	140°(H)/ 60°	Install mode	Wall mount, hung and stand structure
LED package	DIP546	Cabinet Material	Iron/Aluminum
Density per sqm	3906 pixel	<b>Working power</b>	
Display color	256*256*256	Specification	Parameter
Whiteness brightness	≥7000	Working voltage	AC 220v/380v±10% 47~64Hz
Brightness level	128 grade	Max power/sqm	1100W/sqm
Changing frame frequency	60 Hz	Average power/sqm	700W/sqm
Refresh	400 Hz	Short circuit protection	Yes
Driving method	Constant Static		
Control mode	synchronous	<b>Working environment</b>	
Display port	DVI	Specification	Parameter
Display mode	1024*768 /1024*1024	Environment	Outdoor
Out of control	1/10,000 ( scattered)	Working temperature	--20~50℃
lifetime	100,000 hours	Working Humidity	10~90%

## Nichia LED lamp

Display and control feature		Structure feature	
Specification	Parameter	Specification	Parameter
Pixel Pitch	16 mm	Module size	256 mm*128 mm
Pixel composing	2R1G1B	Display resolution /module	16 dots*8 dots
Wavelength (R)	628±8	Standard cabinet size	1024 mm*768 mm
Wavelength (G)	527±8	Weight per sqm	65 Kg/sqm
Wavelength (B)	470±5	Protection classification	IP65
Wave Angle (H)	110°(H)/ 140°	Install mode	Wall mount, hung and stand structure
LED package	DIP346	Cabinet Material	Iron/Aluminum
Density per sqm	3906 pixel	Working power	
Display color	256*256*256	Specification	Parameter
Whiteness brightness	≥7000	Working voltage	AC 220v±10% 50Hz output 5VDC
Brightness level	128 grade	Max power/sqm	1400W/sqm
Changing frame frequency	60 Hz	Average power/sqm	700W/sqm
Refresh	400 Hz	Short circuit protection	Yes
Driving method	Constant Static	Led Lamp type	Nichia
Control mode	synchronous	Working environment	
Display port	DVI	Specification	Parameter
Display mode	1024*768 /1024*1024	Environment	Outdoor
Out of control	1/10,000 (scattered)	Working temperature	--20~60°C
lifetime	100,000 hours	Working Humidity	10~90%

## P12mm Outdoor Full Color



### Function and Technology Character

- (1) Multiplied file formats, such as AVI, MOV, MPG, DAT, VOB are comprehensive, and also we have three display mode as VGA+VIDE and VGA. There are also interfaces for Sound signal and video signal.
- (2) 4096 grade grey control system and the color is over 16.7 millions, and the brightness, contrast, saturation, chroma can be adjusted by manual and sensor, whose scope is 256 grade.
- (3) Show all kinds of word, text, graph, picture, video, 2-dimension, 3-dimension cartoon and other information with your PC does synchronously.
- (4) Line-Double technology is adopted for the picture adjustment.
- (5) Can be connected with PC and the web net and show the content, and also can be controlled remotely via VPM+ADSL.
- (6) Can be used outdoor in all kinds of weather, and excellent capability of antisepsis, waterproof.

### Spec Parameters

Display and control feature		Structure feature	
Specification	Parameter	Specification	Parameter
Pixel Pitch	12 mm	Module size	192 mm*192 mm
Pixel composing	2R1G1B	Display resolution/module	16 dots*16 dots
Wavelength (R)	625±5	Standard cabinet size	960 mm*960 mm
Wavelength (G)	522±3	Weight per sqm	65 Kg/sqm
Wavelength (B)	567±3	Protection classification	IP65
Wave Angle (H)	140°(H)/ 60°	Install mode	Wall mount, hung and stand structure
LED package	DIP 346	Cabinet Material	Iron/Aluminum
Density per sqm	6944 pixel	<b>Working power</b>	
Display color	256*256*256	Specification	Parameter
Whiteness brightness	≥5000	Working voltage	AC 220v/380v±10% 47~64Hz
Brightness level	128 grade	Max power/sqm	700W/sqm
Changing frame frequency	60 Hz	Average power/sqm	400W/sqm
Refresh	400 Hz	Short circuit protection	Yes
Driving method	1/4 Constant Driving	Led Lamp type	Nichia/Cotco/Cree/Axt/Silan/Taiwan
Control mode	synchronous	<b>Working environment</b>	
Display port	DVI	Specification	Parameter
Display mode	1024*768 /1024*1024	Environment	Outdoor
Out of control	1/10,000 ( scattered)	Working temperature	--20~50°C
lifetime	100,000 hours	Working Humidity	10~90%

## P10mm Outdoor Full Color



### Function and Technology Character

- (1) Multiplied file formats, such as AVI, MOV, MPG, DAT, VOB are comprehensive, and also we have three display mode as VGA+VIDE and VGA. There are also interfaces for Sound signal and video signal.
- (2) 4096 grade grey control system and the color is over 16.7 millions, and the brightness, contrast, saturation, chroma can be adjusted by manual and sensor, whose scope is 256 grade.
- (3) Show all kinds of word, text, graph, picture, video, 2-dimension, 3-dimension cartoon and other information with your PC does synchronously.
- (4) Line-Double technology is adopted for the picture adjustment.
- (5) Can be connected with PC and the web net and show the content, and also can be controlled remotely via VPM+ADSL.
- (6) Can be used outdoor in all kinds of weather, and excellent capability of antiseptis, waterproof.

### Spec Parameters

Display and control feature		Structure feature	
Specification	Parameter	Specification	Parameter
Pixel Pitch	10 mm	Module size	160 mm*160 mm
Pixel composing	1R1G1B	Display resolution/module	16 dots*16 dots
Wavelength (R)	625±5	Standard cabinet size	1280 mm*960 mm
Wavelength (G)	522±3	Weight per sqm	65 Kg/sqm
Wavelength (B)	567±3	Protection classification	IP65
Wave Angle (H)	140°(H)/ 60°	Install mode	Wall mount, hung and stand structure
LED package	DIP 346	Cabinet Material	Iron/Aluminum
Density per sqm	10,000 pixel	<b>Working power</b>	
Display color	256*256*256	Specification	Parameter
Whiteness brightness	≥5500	Working voltage	AC 220v/380v±10% 47~64Hz
Brightness level	128 grade	Max power/sqm	750W/sqm
Changing frame frequency	60 Hz	Average power/sqm	400W/sqm
Refresh	400 Hz	Short circuit protection	Yes
Driving method	1/4 Constant Driving	Led Lamp type	Nichia/Cotco/Cree/Axt/Silan/Taiwan
Control mode	synchronous	<b>Working environment</b>	
Display port	DVI	Specification	Parameter
Display mode	1024*768 /1024*1024	Environment	Outdoor
Out of control	1/10,000 ( scattered)	Working temperature	--20~50°C
lifetime	100,000 hours	Working Humidity	10~90%