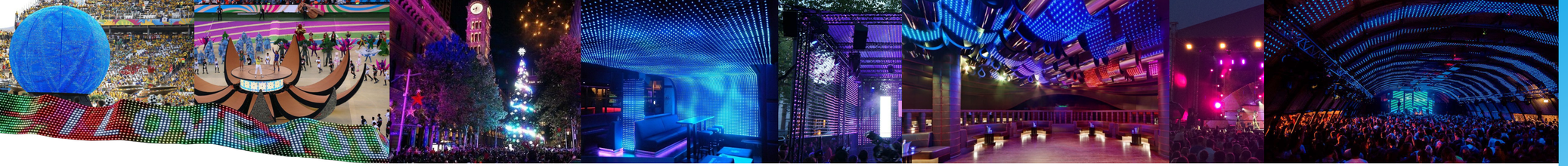
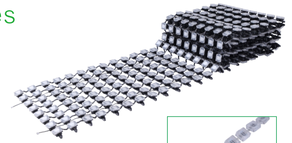


## MAHJONG Series



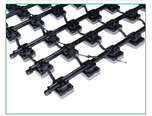
**Mahjong Application:**

MAHJONG is a soft LED mesh screen with high brightness, widely used for stage design, nightclub, building facade decoration etc.

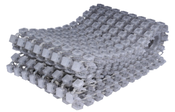
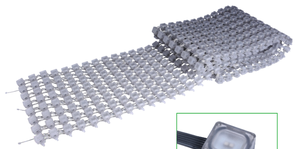
**Advantages:**

- IP66, suitable for permanent outdoor and indoor use.
- Irregular shape available.
- Customized pixel pitch, flexible structure.
- Multiple installation.

| Item | MJ3 | MJ4 |
|---|---|---|
| LED Configuration | SMD3535 3LEDs | SMD3535 4LEDs |
| Brightness | 9cd/dot | 12cd/dot |
| DOT.Power Consumption | 0.75W/dot | 0.9W/dot |
| DOT Size | 30X26X16mm | |
| DOT Weight | 16g /Pixel | |
| Pixel Pitch | 40mm/55mm/80mm/100mm/110mm/160mm/xmm | |
| IP Rating ( front/back) | LED pixels:IP66 Control box:IP54 | |
| Viewing Angle | 120°(H)/120°(V) | |
| Gray Scale | 12bit | |
| Display Scale | 68.7 Billion | |
| Refresh Rate | ⩾1000Hz | |
| Control System | PC based dynamic capture&mapping | |
| Operation Power | AC110~240V, 50/60Hz | |
| Working Environment | Temperature -40℃~+45℃,Humidity10~90% RH | |
| Operating Life | 100,000hours | |
| Certificate | CE ,ROHS | |



## X-DOT Series

**X-DOT Application:**

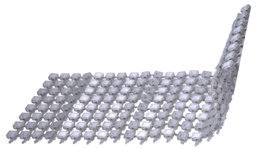
X-DOT is a creative soft LED screen with features of flexible installation,super-light and easy maintenance, widely used for large area building facade,outdoor advertising projects etc.

**Advantages:**

- Operating environment:-40℃~+50℃
- IP68 and super bright, suitable for outdoor use permanently.
- Support DMX512 customized.
- Low self-weight.
- Space-saving delivery.
- Short assembly time

| Item | X1-DOT | X2-DOT | X3-DOT | X4-DOT | X8-DOT |
|---|---|---|---|---|---|
| LED Configuration | SMD3535 1LEDs | SMD3535 2LEDs | SMD3535 3LEDs | SMD3535 4LEDs | SMD3535 8LEDs |
| Brightness | 3cd/Pixel | 6cd/Pixel | 9cd/Pixel | 12cd/Pixel | 24cd/Pixel |
| DOT.Power Consumption | 0.5W/pixel | 0.6W/pixel | 0.75W/pixel | 0.9W/pixel | 1.8W/pixel |
| DOT Size | 32X30X22.5mm | | | | |
| DOT Weight | <30g/Pixel | | | | |
| Pixel Pitch | >45mm | | | | |
| IP Rating ( front/back) | LED pixels:IP66 Control box:IP54 | | | | |
| Viewing Angle | 120°(H)/120°(V) | | | | |
| Gray Scale | 8bit/12bit | | | | |
| Display Scale | 16.7Million | | | | |
| Refresh Rate | ⩾1000Hz | | | | |
| Control System | Synchronous,asynchronous,DMX512,and the third party of DMX control system. | | | | |
| Operation Power | AC110~240V, 50/60Hz | | | | |
| Working Environment | Temperature -40℃~+45℃,Humidity10~90% RH | | | | |
| Operating Life | 100,000hours | | | | |
| Certificate | CE ,ROHS | | | | |

## RuDOT Series



**RuDOT Application:**

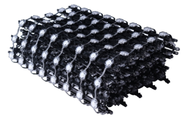
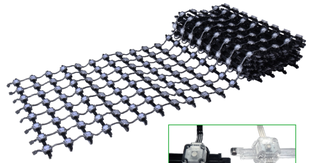
RuDOT is a soft LED screen with the newest features of Max. 500 pixels/strip, low-temperature resistance and easy maintenance, widely used for outdoor architectures lighting ...

**Advantages:**

- Max. 500 pixels/strip
- Support DMX512 customized.
- IP66, suitable for outdoor permanent application.
- Operating temperature: -40℃~+50℃

| Item | RuDOT-S | RuDOT-D |
|---|---|---|
| LED Configuration | RGB 3in1 SMD3535 | White,SMD3528 |
| Brightness | 3cd/pixel | 3.5-24cd/pixel |
| DOT.Power Consumption | 0.4W/pixel | 0.37W/pixel |
| DOT Size | 32X30X22.5mm | |
| DOT Weight | <30g/Pixel | |
| Pixel Pitch | >45mm | |
| IP Rating ( front/back) | LED pixels:IP66 Control box:IP54 | |
| Viewing Angle | 120°(H)/120°(V) | |
| Gray Scale | 8bit/12bit | |
| Display Scale | 16.7million / 68.7 Billion | |
| Refresh Rate | ⩾1000Hz | |
| Control System | Synchronous,asynchronous,DMX512,and the third party of DMX control system. | |
| Operation Power | AC110~240V, 50/60Hz | |
| Working Environment | Temperature -40℃~+45℃,Humidity10~90% RH | |
| Operating Life | 100,000hours | |

## EcoDOT Series

**Eco DOT Application:**

EcoDOT is a soft LED screen with features of pure transparency, flexibility, light weight, easy installation and maintenance, it's the best choice for building facade, shopping mall, wedding decoration etc.

**Advantages:**

- 3D effect available.
- Magnetic buckle (Patented)， fast and natural connection, perfect design for rent.
- Square, rhombus, double-sided display available(Patented).
- 90% transparency.
- IP65, suitable for outdoor.
- Irregular shape, multiple installation.

| Item | EcoDot-35 | EcoDot-40 | EcoDot-55 | EcoDot-80 | EcoDot-100 |
|---|---|---|---|---|---|
| Pixel Pitch | 35mm | 40mm | 55mm | 80mm | 100mm |
| Pixel Density | 816dot/m² | 625dot/m² | 330dot/m² | 156dot/m² | 100dot/m² |
| Brightness | 2200CD/m² | 1500CD/m² | 900CD/m² | 420CD/m² | 300CD/m² |
| Max.Power Consumption | 370W/m² | 280W/m² | 150W/m² | 70W/m² | 50W/m² |
| Ave.Power Consumption | 180W/m² | 140W/m² | 75W/m² | 35W/m² | 25W/m² |
| DOT size | 18X18X10.5mm | | | | |
| DOT Weight | <6g/Pixel | | | | |
| LED Type | RGB 3IN1 SMD3535 | | | | |
| Viewing Angle | 120°(H)/120°(V) | | | | |
| Gray Scale | 8bit/12bit | | | | |
| Display Scale | 16.7million / 68.7 Billion | | | | |
| Refresh Rate | ⩾1000Hz | | | | |
| Control System | PC based dynamic capture&mapping | | | | |
| Operation Power | AC110~240V, 50/60Hz | | | | |
| Working Environment | Temperature -20℃~+45℃, Humidity10~90% RH | | | | |
| IP Rating | IP65 with led string ,IP54with signal distributor and power box | | | | |
| Operating Life | 100,000hours | | | | |
| Certificate | CE ,ROHS | | | | |

# Accent Design Concepts

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# V-Clever System

VTEAM, a pioneer and leading manufacturer of soft mesh LED screens, specializes in the design and manufacture of creative soft mesh solutions for large scale permanent install and rental displays, whether for indoor or outdoor operating 24/7 in all environments. V-clever comprises a complete system including soft mesh LED screen, central power management, remote intelligent monitoring and fast troubleshooting to providing the most comprehensive and attractive solutions.

### Modular screen for easy installation in any complex environment

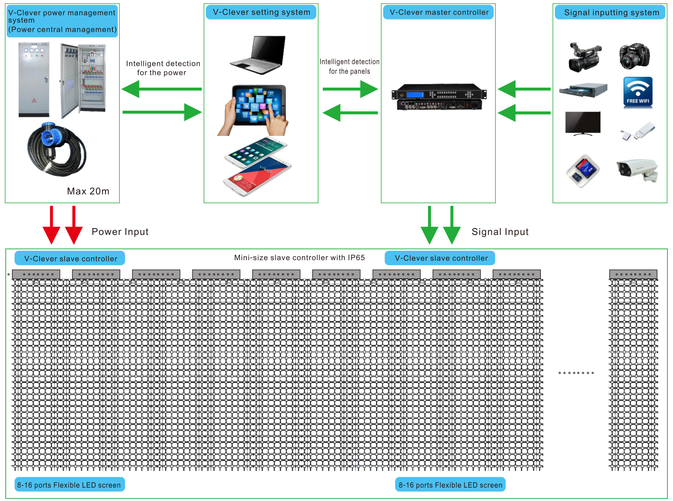
- Flexible soft led mesh curtain made by separate led pixels: 32 dots/ string
- Modular screen : 8 x 32 dots, fast set-up, take-down & replacement
- Lightweight slave controller, steel wire rope with strong loading capability and high flexibility
- IP65, 24 hours available for any harsh environment

### Central Power Management

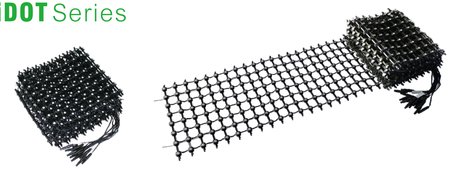
- Central power cabinet ensures separate power & signal supporting
- Power backup ensures no influence on screens when power failure
- Any brand power supply available to match V-Clever system
- Power faulty diagnosis& alarm via Internet

### Intelligent operation malfunction-indication:

- Simple and quick operation
- Support arbitrary tracing pixels & adjustable RGB
- Default play lists automatic playback, real-time update
- Support LED strings' fault diagnosis, system automatically send fault info to client

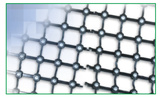



# iDOT Series



### iDOT Application:

iDOT is a kind of full color soft LED screen. Highly artistry and creativity can be assembled into various of applications, such as stage background, club decoration, innovative design etc.



### Advantages:

- Spherical mask with double injection molding.
- Magnetic buckle(Patented).
- Square, rhombus, double-sided display available(Patented).
- Customized pixel pitch, flexible structure.
- IP66, suitable for outdoor.

| Item | iDOT-35 | iDOT-40 | iDOT-55 | iDOT-80 | iDOT-100 |
|---|---|---|---|---|---|
| Pixel Pitch | 35mm | 40mm | 55mm | 80mm | 100mm |
| Pixel Density | 816dot/m² | 625dot/m² | 330dot/m² | 156dot/m² | 100dot/m² |
| Brightness | 2000CD/m² | 1500CD/m² | 800CD/m² | 370CD/m² | 250CD/m² |
| Max.Power Consumption | 370W/m² | 280W/m² | 150W/m² | 70W/m² | 50W/m² |
| Ave.Power Consumption | 180W/m² | 140W/m² | 75W/m² | 35W/m² | 25W/m² |
| DOT size | 18X18X13.5mm | | | | |
| DOT Weight | <6g/Pixel | | | | |
| LED Type | RGB 3IN1 SMD3535 | | | | |
| Viewing Angle | 140°(H)/140°(V) | | | | |
| Gray Scale | 12bit | | | | |
| Display Scale | 68.7 Billion | | | | |
| Refresh Rate | ≥1000Hz | | | | |
| Control System | PC based dynamic capture&mapping | | | | |
| Operation Power | AC110~240V, 50/60Hz | | | | |
| Working Environment | Temperature -20℃~+45℃,Humidity10~90% RH | | | | |
| IP Rating | IP65 with led string ,IP54with signal distributor and power box | | | | |
| Operating Life | 100,000hours | | | | |
| Certificate | CE ,ROHS | | | | |

# MiniDOT Series

### MiniDOT Application:

MiniDOT4 is an innovative full color display system, each dot including 4 individual LEDs which can be controlled separately, with the pixel pitch 12.5mm to create nice creative video effect. MiniDOT4 is a soft mesh screen with flexibility, light weight and high transparency, suit for kinds of installation as folding, bending, winding, hanging, etc. It's your best choice to fulfill your creative idea in LED stage.

### Advantages:

- Magnetic buckle (Optional), fast and natural connection, perfect design for rental programs.
- IP66 for permanent outdoor application.
- Well suit for any irregular shape installation and display without limitation.

| Item | MiniDOT4-50 |
|---|---|
| Pixel Pitch | 12.5mm |
| DOT Pitch | 50mm |
| DOT.Power Consumption | 1.4W/pixel |
| DOT Size | 32X30X22.5mm |
| DOT Weight | <30g/Pixel |
| Pixel Density | 1600dot/m² |
| DOT Density | 400dot/m² |
| Brightness | 4500cd/m² |
| Power Consumption | Max.400W/m² Ave.150W/m² |
| IP Rating ( front/back) | LED pixels:IP66 Control box:IP54 |
| Viewing Angle | 120°(H)/120°(V) |
| Gray Scale | 12bit |
| Display Scale | 68.7 Billion |
| Control System | PC based dynamic capture&mapping |
| Operation Power | AC110~240V, 50/60Hz |
| Working Environment | Temperature -20℃~+45℃,Humidity10~90% RH |
| Operating Life | 100,000hours |

# Accent Design Concepts

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