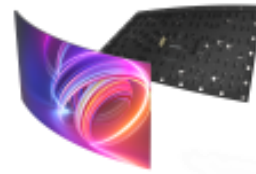


**DS-D41Q18CA-1GS, 320 mm × 160 mm, 3840 Hz  
P1.8 LED Soft Module**

- **Flexible and malleable:** Select the flexible multi-layer PCB soft board, and silicon soft panel with a special texture structure design. Optimized circuit layout can ensure that the soft module is flexible to design various shapes.
- **Stable and citable:** Fully tested and optimized magnet size and distribution structure design, cutting-edge magnetic suction density configuration can ensure a better fit of the soft module to the cabinet frame without seam.
- **Ultra-thin and lightweight:** The thickness of soft module is 4.6 mm. Advanced ultra-thin design, space-saving characteristic can help to design diverse shapes.
- **Fine pixel pitch:** High-quality lamp beads, intelligent production line process to ensure that the high consistency of display effect of overall lamp beads with good quality, high contrast ratio, and high refresh rate.
- **Soft image:** Hikvision's self-developed control system and dynamic engine algorithm can help to automatically identify and handle the harsh images to realize senseless regulation and control. The image is soft and comfortable to view and its quality is enhanced while unnecessary power consumption is reduced, which is more energy saving.
- **Easy to install:** The soft module is installed by strong magnetic adsorption, which is convenient to use and firmly adsorbed to the cabinet frame. It can be flexibly adjusted and meet the requirements of front maintenance, modular maintenance, and single-point maintenance with specific tools.
- **Environmentally friendly:** Preferred PCB and silicone materials make soft modules more environmentally friendly and durable. The soft modules are produced from Hikvision's self-developed and self-produced lead-free production line, and strictly comply with the requirements of ROHS2.0 standards, which are safe and trustworthy.
- **Widely applied:** Soft modules can be designed at will to easily create curved screens, cylindrical screens, ribbon screens, wave screens, etc. in various scenarios including shopping malls, retail stores, museums, corporate pavilions.

## ▪ Specification

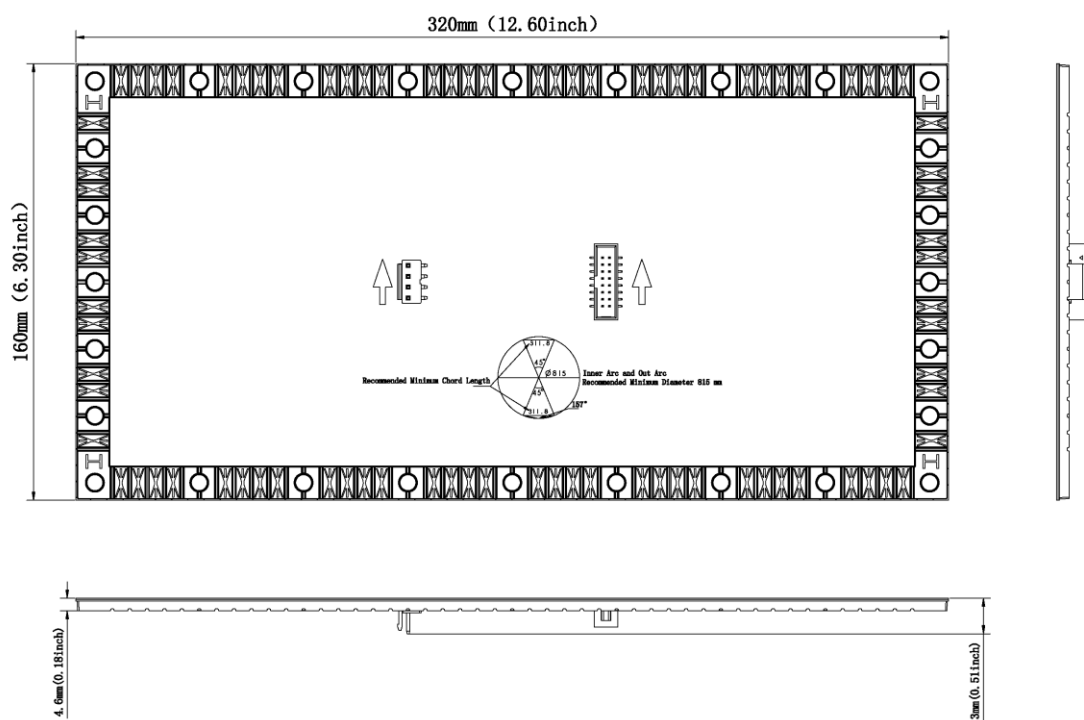
Product Model	
Product Model	DS-D41Q18CA-1GS
Module	
Pixel Configuration	SMD
Pixel Pitch	1.86
Lamp Bead Dimensions	1515
Dimension (W × H × D)	320 mm × 160 mm × 13 mm (12.60" × 6.30" × 0.51") (connectors contained)
Resolution	172 × 86
Weight	0.22 kg
Pixel Density	288906 dot/m <sup>2</sup>
Maintenance Method	Front and Rear Maintenance
Signal Source Interface	HUB75E
Module Flatness	≤ 0.3 mm
Waterproof Level	IP30
Component Material	Silicon soft panel
Curvature	Out Arc & Inner Arc ≥ 157°
Display Parameters	
Blind Spot Rate	< 0.0003, 0 by default
Display	
White Balance Brightness	600 cd/m <sup>2</sup>
Color Temperature	3000 K to 10000 K adjustable
Viewing Angle	160° (H)/160° (V)
Brightness Uniformity	≥ 97%
Color Uniformity	≤ ± 0.003Cx, Cy
Contrast Ratio	3000:1
Refresh Rate	3840 Hz
Optimal View Distance	2.4 m to 6.2 m
Interface	
Power Interface	VH4PIN
Processing Performance	
Driving Method	Constant current driving
Scanning Amount	43S
Frame Frequency	60 Hz
Grey Level	Up to 16 bit
Power	
Max. Consumption	450 W/m <sup>2</sup>
Average Consumption	150 W/m <sup>2</sup>
Input Voltage	AC 100 V to 240 V~
Working Voltage	DC 4.5 V to 5 V
Modular Max. Consumption	23 W
Modular Max. Current	5 A
Working Environment	
Working Temperature	-10 °C to 40 °C (14 °F to 104 °F)
Working Humidity	10% RH to 80% RH (without condensation)

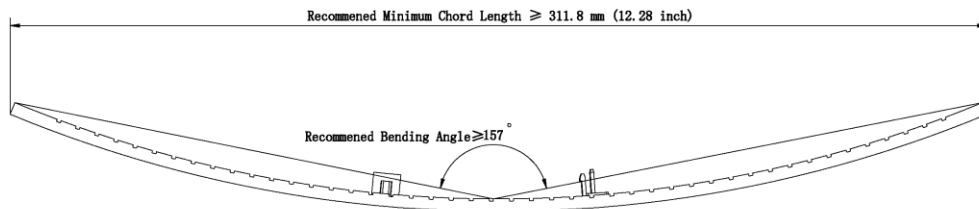
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Storage Humidity	10% RH to 85% RH (without condensation)
<b>General</b>	
Package Dimensions (W × H × D)	634 (W) mm × 410 (H) mm × 380 (D) mm (24.96 " × 16.14 " × 14.96 ")
Packing Method	48 modules in 1 package
Packing List	Lamp beads, Driver IC, signal cables, 5 V power cables
Gross Weight	0.28 kg (0.62 lb)
Net Weight	0.22 kg (0.59 lb)
<b>Structure</b>	
Min. Diameter	815 mm

## ▪ Available Model

DS-D41Q18CA-1GS, Soft, 320\*160, 3840hz

## ▪ Dimension





- Caution:
1. Recommended bending angles for inner and outer arcs are the same.
  2. The longer side of module can be bent while the shorter side cannot be bent.
  3. Bending angles exceeding the recommended bending range will cause damage to the product, which is out of warranty service.

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