



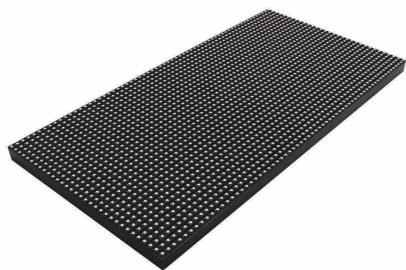
LED Display Module



M-HD Series

Small Pixel Pitch Indoor Full Color LED Module

High resolution per unit area, showing higher definition Images and videos.No seams, Replace LCD Video Wall.



M-ID Series

Indoor Full Color SMD LED Module

The color saturation is modular, and the screen can be Made on the spot.



M-OD Series

Outdoor Full Color SMD LED Module

Waterproof grade IP65, super bright LED, long distance Still visible under the strong sunlight.



M-F Series

Flexible SMD Indoor Full Color LED Module

Flexible, easy installation and disassembly, small size, Light weight and easy modeling.



M-SF Series

Silicon Flexible Indoor Full Color LED Module

Folding, bending is the best, the maximum curvature Of 160 degrees, strong and durable, flexible modeling.



M-WF Series

Silicon Flexible Outdoor Full Color LED Module

Silicon flexible with surface and back covered by silicon gel upgrade to IP65 rated for outdoor display application

M-HD Series

Small Pixel Pitch Indoor Full Color LED Module



Premium LED Chips



High grey-level& refresh IC



High-end capacitor component



Custom size, no seams
replace LCD



M-HD Series Specification - Small Pixel Pitch Indoor LED Module

Part No.	M-HD1.25	M-HD1.56	M-HD1.66	M-HD1.81L	M-HD1.87	M-HD2	M-HD2L
Pixel Pitch	1.25mm	1.56mm	1.667mm	1.81mm	1.875mm	2.0mm	2.0mm
Module Size	200*150mm	200*150mm	200*150mm	320*160mm	240*120mm	256*128mm	320*160mm
Module Resolution	160*120	128*96	120*90	176*88	128*64	128*64	160*80
Module Pixels	19200dots	12288dots	10800dots	15488dots	8192dots	8192dots	12800dots
Scan	1/30	1/32	1/30	1/44	1/32	1/32	1/40
Pixel Density	640000dots/m²	410913dots/m²	359856dots/m²	305240dots/m²	284444dots/m²	250000dots/m²	250000dots/m²
Viewing Distance	>1.2m	>1.5m	>1.6m	>1.8m	>1.8m	>2m	>2m
LED	SMD1010	SMD1010	SMD1010	SMD1515	SMD1515	SMD1515	SMD1515
LED Brand	Standard: Kinglight/Huagang etc. Premium: Nationstar						
Pixel Configuration	1R 1G 1B						
Brightness	≥800cd/m²						
Contrast Rate	3000:1						
Color Depth	16bit						
Grey Level	16384						
Refresh Frequency	>3840HZ						
Driving IC	MBUVCN						
Color Uniformity	≥97%						
Protection Rating	IP30						
Life span	≥100,000 hours						
Operating Temperature	-20°C ~ 60°C(4°F ~ 140°F)						
Operating Humidity	10% ~ 90%						
Voltage	5V						
Viewing Angle	H:160deg V:160deg						
Power Consumption(w)	Max. 20W						
Blind Spot Rate	≤0.0003						

All specifications are property of HUAKE and are subject to change without notice. Please verify specifications and information before final sale.

P1.25	P1.56	P1.66	P1.81L	P1.87	P2	P2L

All specifications are property of HUAKE and are subject to change without notice. Please verify specifications and information before final sale.

M-ID Series

Indoor Full Color SMD LED Module



Premium LED Chips



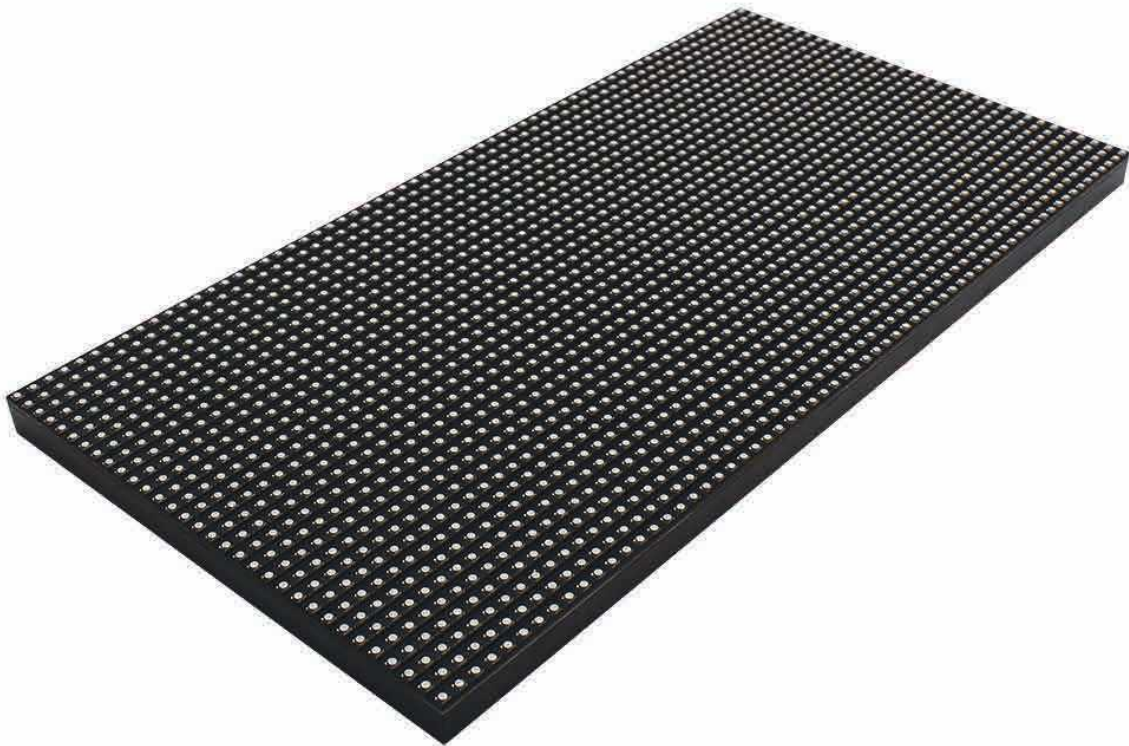
Anti-dust & Anti-glare mask



High grey-level& refreshed IC



Noise reduction glass fibre protector



						
P2.5	P2.5/P3/P4	P5/P10	P2.9/P3.9/P4.8	P5	P3/P6	P7.6



M-ID Series Specification - Indoor LED Module													
Part No.	M-ID2.5	M-ID2.5L	M-ID2.9	M-ID3	M-ID3L	M-ID3.9	M-ID4	M-ID4L	M-ID4.8	M-ID5L	M-ID6	M-ID7.6	M-ID10L
Pixel Pitch	2.5mm	2.5mm	2.976mm	3mm	3.076mm	3.91mm	4mm	4mm	4.81mm	5mm	6mm	7.62mm	10mm
Module Size	160*160mm	320*160	250*250mm	192*192mm	320*160mm	250*250mm	256*128mm	320*160	250*250mm	320*160mm	192*192mm	244*122mm	320*160mm
Module Resolution	64*64	128*64	84*84	64*64	104*52	64*64	64*32	80*40	52*52	64*32	32*32	32*16	32*16
Module Pixels	4096dots	8192	7056dots	4096dots	5408dots	4096dots	2048dots	3200dots	2704dots	2048dots	1024dots	512dots	512dots
Scan	1/32	1/32	1/28	1/32	1/26	1/16	1/16	1/20	1/13	1/16	1/16	1/8	1/8
Pixel Density	160000dots/m²	160000dots/m²	160000dots/m²	111111dots/m²	105688dots/m²	65410dots/m²	62500dots/m²	62500dots/m²	43264dots/m²	40000dots/m²	27777dots/m²	17199dots/m²	10000dots/m²
Viewing Distance	>2.5m	>2.5m	>3m	>3m	>3m	>4m	>4m	>4m	>4m	>5m	>6m	>7.5m	>10m
LED	SMD2121	SMD2121	SMD2121	SMD2121	SMD2121	SMD2121	SMD2121	SMD2121	SMD2121	SMD2121	SMD3528	SMD3528	SMD3528
Power Consumption(w)	Max. 20W					Max. 15W							
LED Brand	Standard: Kinglight/Huagang etc. Premium: Nationstar												
Pixel Configuration	1R 1G 1B												
Brightness	≥800cd/m²												
Contrast Rate	3000:1												
Color Depth	16bit												
Grey Level	16384												
Refresh Frequency	>1920Hz												
Driving IC	MEU1CN												
Color Uniformity	≥97%												
Protection Rating	IP30												
Life span	≥100,000 hours												
Operating Temperature	-20°C ~ 60°C(4°F ~ 140°F)												
Operating Humidity	10% ~ 90%												
Voltage	5V												
Viewing Angle	H:160deg. V:160deg.												
Blind Spot Rate	≤0.0003												
All specifications are property of HUAKE and are subject to change without notice. Please verify specifications and information before final sale.													

All specifications are property of HUAKE and are subject to change without notice. Please verify specifications and information before final sale.

M-OD Series

Outdoor Full Color SMD LED Module



High Brightness LED Chips



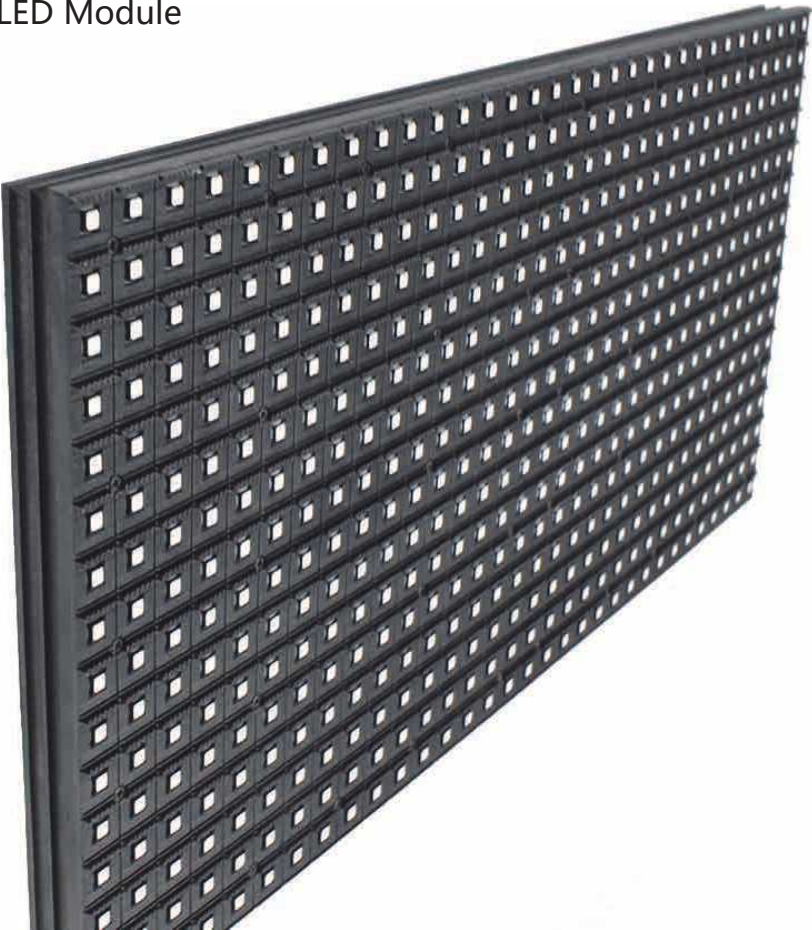
High-strength Kit waterproof IP65



Eliminate ghosting



Professional three anti-paint process



M-OD Series Specification - Outdoor LED Module													
Part No.	M-OD2	M-OD2.5L	M-OD3	M-OD3.9	M-OD4	M-OD4L	M-OD4.8	M-OD5L	M-OD5.9	M-OD6	M-OD6.6L	M-OD8L	M-OD10L
Pixel Pitch	2mm	2.5mm	3mm	3.91mm	4mm	4mm	4.81mm	5mm	5.95mm	6mm	6.67mm	8mm	10mm
Module Size	256*128mm	320*160mm	192*192mm	250*250mm	256*128mm	320*160mm	320*160mm	320*160mm	320*250mm	192*192mm	320*160mm	320*160mm	320*160mm
Module Resolution	128*64	128*64	64*64	64*64	64*32	64*32	64*32	64*32	42*42	32*32	48*24	40*20	32*16
Module Pixels	8192dots	8192dots	4096dots	4096dots	2048dots	3200dots	2704dots	2048dots	1764dots	1024dots	1152dots	800dots	512dots
Scan	1/32	1/32	1/16	1/16	1/8	1/10	1/13	1/8	1/7	1/8	1/6	1/4	1/2
Pixel Density	25000dots/m²	16000dots/m²	11111dots/m²	65410dots/m²	62500dots/m²	62500dots/m²	43222dots/m²	40000dots/m²	28246dots/m²	27777dots/m²	22477dots/m²	15625dots/m²	10000dots/m²
Viewing Distance	>2m	>2.5m	>3m	>4m	>4m	>4m	>5m	>5m	>6m	>6m	>6.5m	>8m	>10m
LED Brand	SMD1515	SMD1515	SMD1921	SMD1921	SMD1921	Standard: Knight/Huagang etc.			Premium: Nationstar				
Pixel Configuration	R1 G1 B1												
Brightness	25000cd/m²												
Contrast Rate	3000:1												
Color Depth	16bit												
Gray Level	16384												
Refresh Frequency	>1920HZ												
Driving IC	MBUICN												
Color Uniformity	≥97%												
Protection Rating	IP65												
Life span	≥100,000 hours												
Operating Temperature	-20℃ ~ 60℃(-4℉ ~ 140℉)												
Operating Humidity	10% ~ 90%												
Voltage	5V												
Viewing Angle	H:160deg V:140deg												
Power Consumption(w)	Max 40W												
Blind Spot Rate	≤0.003												
All specifications are property of HUAKE and are subject to change without notice. Please verify specifications and information before final sale.													

P3	P3.9/4.8/5.9	P2/P4	P4/P5/P6.6	P8/P10	P6

All specifications are property of HUAKE and are subject to change without notice. Please verify specifications and information before final sale.

M-F Series

Flexible SMD Indoor Full Color LED Module

- Premium LED Chips
- Strong magnetic cyc-linder design
- High grey-level & refreshed IC
- High-end capacitor componen
- Bending and molding



			
P1.875	P3.2/P8	P2/P2.5/P4/P5	P3.8

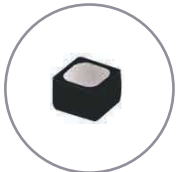


M-F Series Specification - Flexible Indoor LED Module								
Part No.	M-F1.87	M-F2L	M-F2.5L	M-F3.2	M-F3.8	M-F4L	M-F5L	M-F8
Pixel Pitch	1.875mm	2mm	2.5mm	3.2mm	3.8mm	4mm	5mm	8mm
Module Size	240*120mm	320*160mm	320*160mm	256*128mm	304.8*304.8mm	320*160	320*160mm	256*128mm
Module Resolution	128*64	160*80	128*64	80*40	80*80	80*40	64*32	32*16
Module Pixles	8192dots	12800dots	8192dots	3200dots	6400dots	3200dots	2048dots	512dots
Scan	1/32	32S	24S	1/20	20S	1/16	1/16	1/8
Pixel Density	284444dots/m²	218780dots/m²	140019dots/m²	97656dots/m²	69264dots/m²	62500dots/m²	40000dots/m²	15625dots/m²
Viewing Distance	>2m	>2m	>2.5m	>3m	>4m	>4m	>5m	>8m
Brightness	≥800cd/m²	≥800cd/m²	≥800cd/m²	≥800cd/m²	≥800cd/m²	≥800cd/m²	≥800cd/m²	≥4500cd/m²
Power Consumption(w)	Max. 20W	Max. 30W	Max. 25W	Max. 15W	Max. 25W	Max. 15W	Max. 15W	Max. 15W
LED	SMD1515	SMD1515	SMD2121	SMD2121	SMD2121	SMD2121	SMD2121	SMD3535
LED Brand	Standard: Kinglight/Huaguang etc. Premium:Nationstar							
Pixel Configuration	1R 1G 1B							
Contrast Rate	3000:1							
Color Depth	16bit							
Grey Level	16384							
Refresh Frequency	>3840HZ							
Driving IC	MBI/ICN							
Color Uniformity	≥97%							
Protection Rating	IP30							
Life span	≥100,000 hours							
Operating Temperature	-20°C ~ 60°C(-4°F ~ 140°F)							
Operating Humidity	10% ~ 90%							
Voltage	5V							
Viewing Angle	H:160deg. V:160deg.							
Max Bend Angle	150°							
Blind Spot Rate	≤0.0003							

All specifications are property of HUAKE and are subject to change without notice. Please verify specifications and information before final sale.

M-SF Series

Silicon Flexible Indoor Full Color LED Module



Premium LED Chips



Good bending and easy modeling.



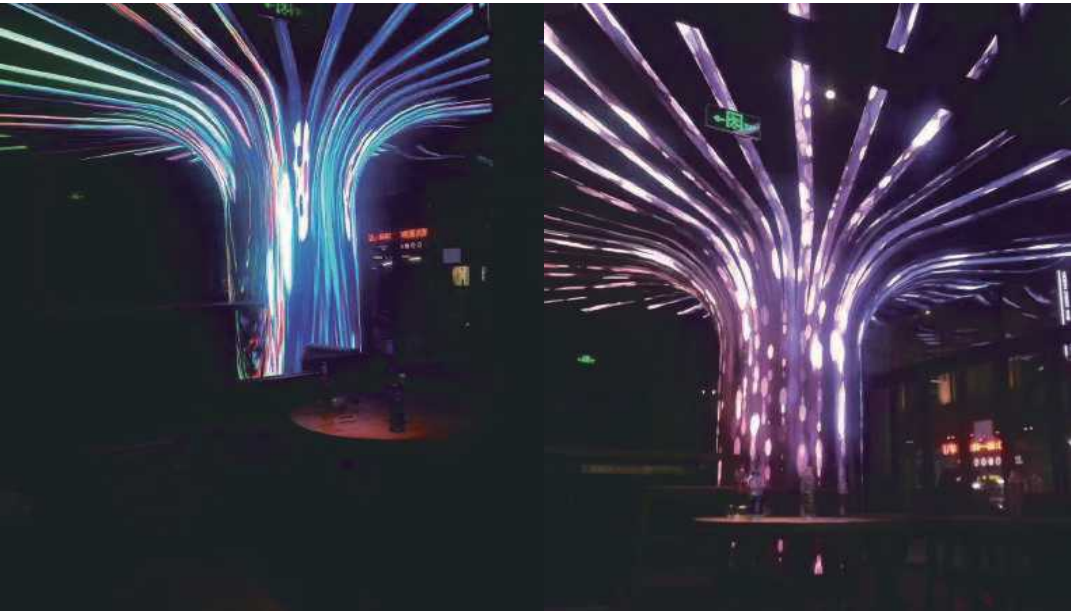
Flexible silica gel bottom shell



High grayscale and high brush IC



			
P1.875	P3.2/P8	P2/P2.5/P4/P5	P3.8

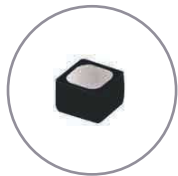


HK M-SF Series Specification - Silicon Flexible Indoor LED Module								
Part No.	M-SF1.87	M-SF2L	M-SF2.5	M-SF3.2	M-SF3.8	M-SF4L	M-SF5L	M-SF8
Pixel Pitch	1.875mm	2mm	2.5mm	3.2mm	3.8mm	4mm	5mm	8mm
Module Size	240*120mm	320*160mm	320*160mm	256*128mm	304.8*304.8mm	320*160	320*160mm	256*128mm
Module Resolution	128*64	160*80	128*64	80*40	80*40	80*40	64*32	32*16
Module Pixels	8192dots	12800dots	8192dots	3200dots	6400dots	3200dots	2048dots	512dots
Scan	1/32	32S	24S	1/20	20S	1/16	1/16	1/8
Pixel Density	284444dots/m²	218780dots/m²	140019dots/m²	97656dots/m²	69264dots/m²	62500dots/m²	40000dots/m²	15625dots/m²
Viewing Distance	>2m	>2m	>2.5m	>3m	>4m	>4m	>5m	>8m
Brightness	≥800cd/m²	≥800cd/m²	≥800cd/m²	≥800cd/m²	≥800cd/m²	≥800cd/m²	≥800cd/m²	≥4500cd/m²
Power Consumption(w)	Max. 20W	Max. 30W	Max. 25W	Max. 15W	Max. 25W	Max. 15W	Max. 15W	Max. 15W
LED	SMD1515	SMD1515	SMD2121	SMD2121	SMD2121	SMD2121	SMD2121	SMD3535
LED Brand	Standard: Kinglight/Huagang etc. Premium: Nationstar							
Pixel Configuration	1R 1G 1B							
Contrast Rate	3000:1							
Color Depth	16bit							
Grey Level	16384							
Refresh Frequency	>3840HZ							
Driving IC	MBI/ICN							
Color Uniformity	≥97%							
Protection Rating	IP30							
Life span	≥100,000 hours							
Operating Temperature	-20°C ~ 60°C(-4°F ~ 140°F)							
Operating Humidity	10% ~ 90%							
Voltage	5V							
Viewing Angle	H:160deg. V:160deg.							
Max Bend Angle	150°							
Blind Spot Rate	≤0.0003							

All specifications are property of HUAKE and are subject to change without notice. Please verify specifications and information before final sale.

M-WF Series (new generation)

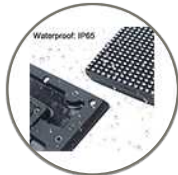
Silicon Flexible Outdoor Full Color LED Module



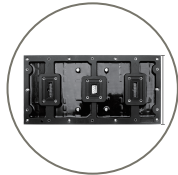
Premium LED Chips



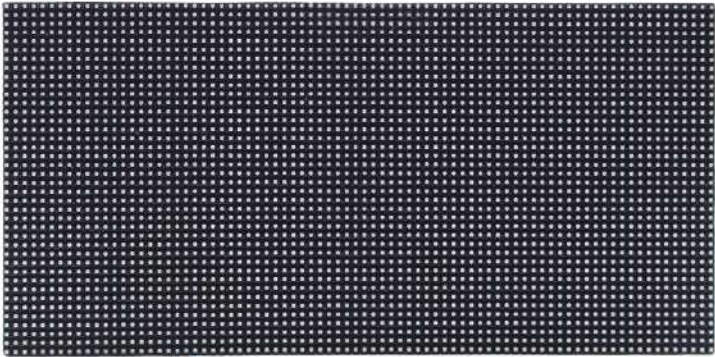
Good bending and easy modeling.



Silicon gel covered surface and back, protect from water



Power & Data interfaces be shelled and completely waterproof



P2.5/P4/P5	P3.8	P3.2/P8

www.360digitalsignage.com



M-WF Series Specification - Waterproof Flexible Outdoor LED Module						
Part No.	M-WF2.5L	M-WF3.2	M-WF3.8	M-WF4L	M-WF5L	M-WF8
Pixel Pitch	2.5mm	3.2mm	3.8mm	4mm	5mm	8mm
Module Size	320*160mm	256*128mm	304.8*304.8mm	320*160mm	320*160mm	256*128mm
Module Resolution	128*64	80*40	80*80	80*40	64*32	32*16
Module Pixles	8192dots	3200dots	6400dots	3200dots	2048dots	512dots
Scan	24S	20S	20S	16S	16S	8S
Pixel Density	140019dots/m²	97656dots/m²	69264dots/m²	62500dots/m²	40000dots/m²	15625dots/m²
Viewing Distance	>2.5m	>3m	>4m	>4m	>5m	>8m
Brightness	≥4500cd/m²	≥4500cd/m²	≥4500cd/m²	≥4500cd/m²	≥4500cd/m²	≥4500cd/m²
LED	SMD1921	SMD1921	SMD1921	SMD1921	SMD1921	SMD3535
Power Consumption(w)	Max. 40W	Max. 30W	Max. 50W	Max. 40W	Max. 30W	Max. 15W
LED Brand	Standard: Kinglight/Huagang etc. Premium: Nationstar					
Pixel Configuration	1R 1G 1B					
Contrast Rate	3000:1					
Color Depth	16bit					
Grey Level	16384					
Refresh Frequency	>3840HZ					
Driving IC	MBI/ICN					
Color Uniformity	≥97%					
Protection Rating	IP65					
Life span	≥100,000 hours					
Operating Temperature	-20°C ~ 60°C (-4°F ~ 140°F)					
Operating Humidity	10% ~ 90 %					
Voltage	5V					
Viewing Angle	H:160deg. V:160deg.					
Max Bend Angle	150°					
Blind Spot Rate	≤0.0003					

All specifications are property of HUAKE and are subject to change without notice. Please verify specifications and information before final sale.

HualKe