



## Q SERIES

- Anti-UV modules, ensure longer life-span
- High gray scale
- High color uniformity
- High contrast ratio, bringing up fresh and natural image
- Stable performance



High  
Brightness



IP65



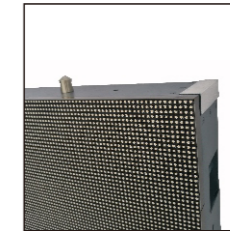
Fixed



Wide  
Viewing Angle



Energy-saving



CE ETL RoHS EMC

## SPECIFICATIONS

Parameter	Unit	Q3.9	Q4.8	Q5	Q5.5	Q6	Q6.2	Q7.8	Q8	Q10	Q12
Pixel pitch	mm	3.906	4.807	5	5.556	6	6.25	7.813	8	10	12
Brightness	nits	5000									
Pixel configuration	R/G/B	SMD3 in 1									
Colour temperature	deg.K	6500									
Viewing angle-Horizontal(50% brightness)	deg.	160 (+70/-70)									
Viewing angle-Vertical (50% brightness)	deg.	80 (+25/-55)									
Recommended minimum viewing distance	m	3.9	4.8	5	5.5	6	6.2	7.8	8	10	12
Panel width	mm	750	750	640	800	768	800	1000	1024	960	1152
Panel height	mm	750	750	480	900	576	900	1000	1024	960	960
Panel depth	mm	160	160	160	160	165	160	165	160	160	165
Panel area	m <sup>2</sup>	0.56	0.56	0.307	0.72	0.442	0.72	1.000	1.049	0.922	1.106
Panel material		Steel/Aluminum									
Panel weight(Steel/Aluminum)	Kg	30/25	30/25	21/16	40/35	27/23	40/35	60/55	65/55	55/45	62/53
Ingress protection (front/rear)	IP	65/43									
Pixels per panel		36,864	24,336	12,288	23,328	12,288	18,432	16,384	16,384	9,216	7,680
Pixels per sq.meter		65,536	43,264	40,000	32,400	27,778	25,600	16,384	15,625	10,000	6,944
Pixel matrix per panel		192x192	156x156	128x96	144x162	128x96	128x144	128x128	128x128	96x96	96x80
Brightness control		255									
Digital processing	bit	16									
Frame rate	Hertz	50/60									
Display refresh rate	Hertz	1920									
Input voltage	VAC	100 ~ 240									
Input power frequency	Hertz	50 ~ 60									
Input power (Max.)	W/m <sup>2</sup>	980	900	800	680	700	650	690	840	720	630
Input power (Avg.)	W/m <sup>2</sup>	343	315	280	238	245	228	242	294	252	221
Operating temperature range	Deg.C	-20 ~ +60									
Lifetime (50% brightness)	Hour	100,000									

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