ENBON OPTOELECTRONICS LIMITED
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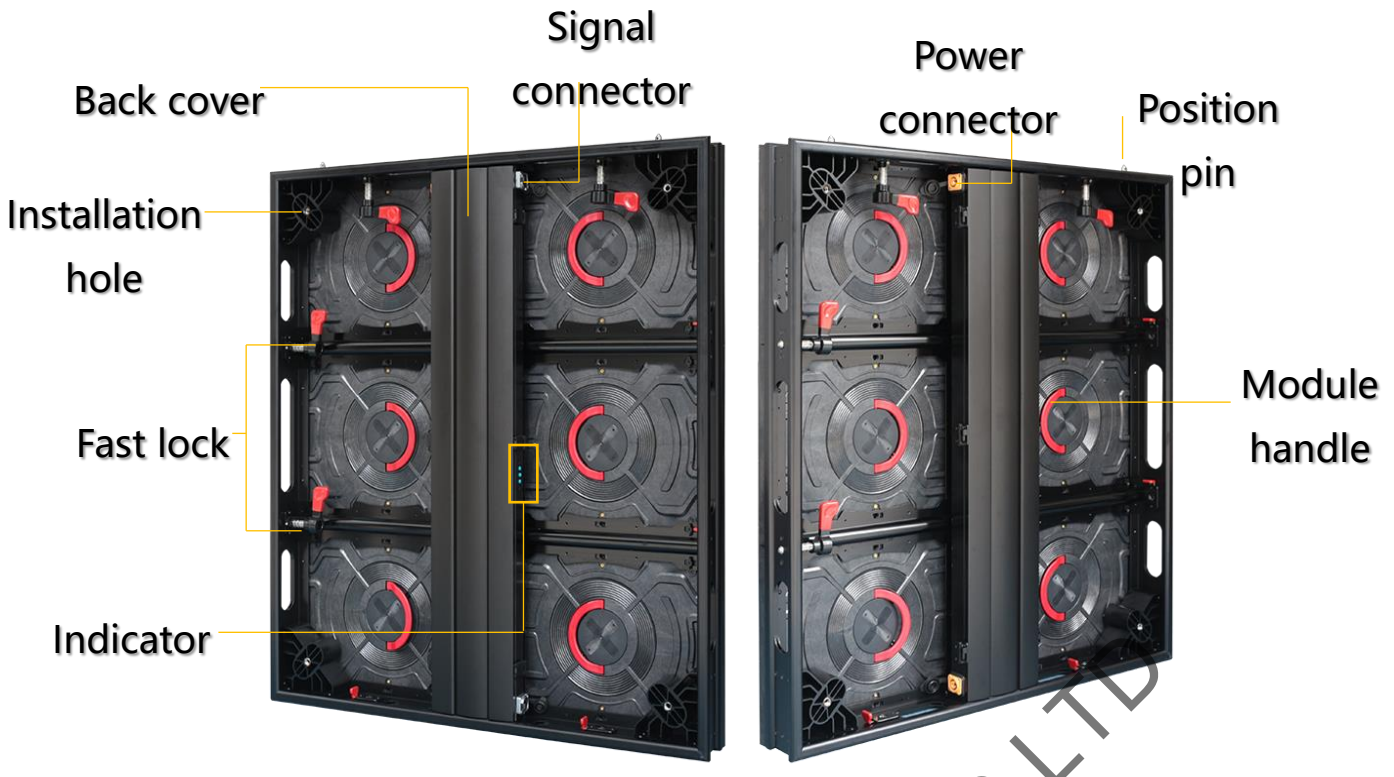
ES Series outdoor to be fixed in wall or billboard
————ENBON ES Series both front and back Maintenace



Model	PH4.16 Outdoor	PH5 Outdoor	PH6.25 Outdoor	PH8.33 Outdoor
Pixel Pitch	4.16 mm	5 mm	6.25 mm	8.33 mm
Pixel Density	57,600 Pixels/SQ.M	40,000 Pixels/SQ.M	25,600 Pixels/SQ.M	14,400 Pixels/SQ.M
Module Size (W*H)	400mmW*300mmH	400mmW*300mmH	400mmW*300mmH	400mmW*300mmH
Module Pixels(W*H)	96*72 Pixels	80*60 Pixels	64*48 Pixels	48*36 Pixels
Pixel Configuration	1R1G1B	1R1G1B	1R1G1B	1R1G1B
Driver Mode	1 / 6 Scan	1 / 6 Scan	1 / 6 Scan	1 / 3 Scan
LED LAMP TYPE	SMD1921	SMD1921	SMD2727	SMD2727
Cabinet material	Aluminium			
Cabinet Size(W*H*D)	800*900mm or 800*1200mm*100mmD			
Single Cabinet Area (Square meter)	0.72 SQM or 0.96 SQM			
Net Weight	About 22 KGS (48.5016 LBS) for 800x900mm, About 27 KGS (59.5248 LBS) for 800x1200mm			
Cabinet Resolution	192*216 Pixels	160*240 Pixels	160*192 Pixels	96*108 Pixels
Color Scale	65,536 Degree	65,536 Degree	65,536 Degree	65,536 Degree
View Angle(H/V)	140/120 degree	140/120 degree	140/120 degree	140/120 degree
Brightness (Max White balance)	About 6000 Nit	About 6000 Nit	About 6000 Nit	About 6500 Nit
Power Consumption	Max: 620Watt / Panel Average: 210 Watt/ Panel	Max: 600Watt / Panel Average: 210 Watt/ Panel	Max: 620Watt / Panel Average: 210 Watt/ Panel	Max: 560Watt / Panel Average: 200 Watt/ Panel
Operating Temperature	-30°C----+60°C			
Operating Humidity	10% RH——95% RH			
Lift Time	⩾100,000 Hours			
MTBF	10,000 Hours			
Whole Display Flatnes	⩽0.2mm Juncture			
Frame Frequency Source	25-60 Hz/s			
Refresh Rate	About 3840 Hz/S with ICND2153 or ICND2055			
Control Distance	100meter, Fiber is 20 KM			
LED Control System	Nova Star or Colorlight			
Operating System	Windows 7,Windows 8, Windows 10			
Protection Grade	IP65			
Maintenance way	Both front and back service			

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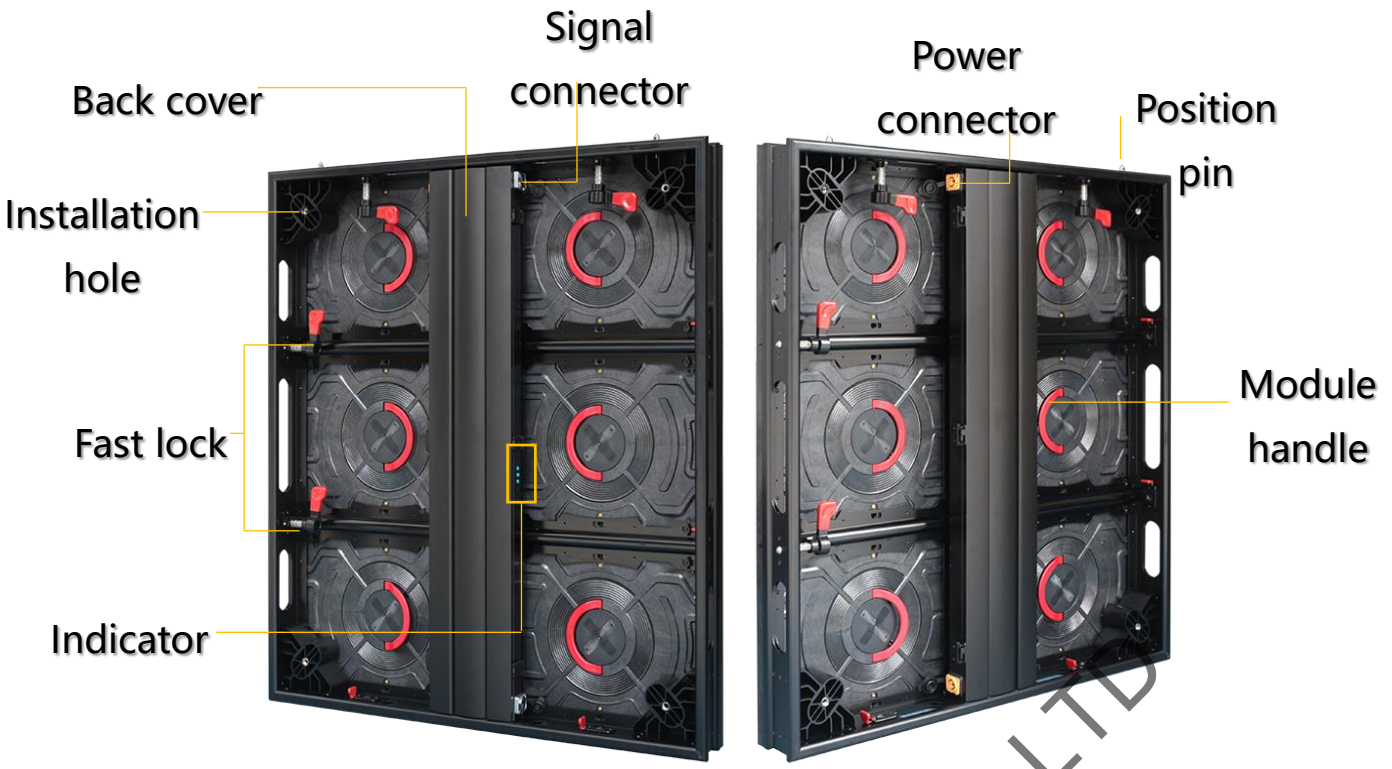

Model	**PH10 Outdoor**			
Pixel Pitch	**10 mm**			
Pixel Density	**10,000 Pixels/SQ.M**			
Module Size (W*H)	**400mmW*300mmH**			
Module Pixels(W*H)	**40*30 Pixels**			
Pixel Configuration	**1R1G1B**			
Driver Mode	**1 / 2 Scan**			
LED LAMP TYPE	**SMD2727**			
Cabinet material	**Aluminium**			
Cabinet Size(W*H*D)	**800*900mm or 800*1200mm*100mmD**			
Single Cabinet Area (Square meter)	**0.72 SQM or 0.96 SQM**			
Net Weight	**About 22 KGS (48.5016 LBS) for 800x900mm, About 27 KGS (59.5248 LBS) for 800x1200mm**			
Cabinet Resolution	**80*90 Pixels**			
Color Scale	**65,536 Degree**			
View Angle(H/V)	**140/120 degree**			
Brightness (Max White balance)	**About 6500 Nit**			
Power Consumption	**Max: 560Watt / Panel Average: 200 Watt/ Panel**			
Operating Temperature	**-30°C----+60°C**			
Operating Humidity	**10% RH——95% RH**			
Lift Time	**⩾100,000 Hours**			
MTBF	**10,000 Hours**			
Whole Display Flatnes	**⩽0.2mm Juncture**			
Frame Frequency Source	**25-60 Hz/s**			
Refresh Rate	**About 3840 Hz/S with ICND2153 or ICND2055**			
Control Distance	**100meter, Fiber is 20 KM**			
LED Control System	**Nova Star or Colorlight**			
Operating System	**Windows 7,Windows 8, Windows 10**			
Protection Grade	**IP65**			
Maintenance way	**Both front and back service**			

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