

LED DISPLAYS

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Version 3.2

LED DISPLAYS

INDOOR 320 Series:	OUTDOOR 320 Series:	OUTDOOR Posters:
<p>Available in: SMD: P2.5, P3.3, P4 and P5</p> <p>Indoor fixed installation screens Screen sizes can be any multiple of 320 mm vertical or horizontal Steel, Aluminum or Die Cast Cabinets Front maintenance available for P3.3, P4 and P5</p> <p>Applications: Indoor advertising, Video screens in shopping centers Boardrooms Control Centers Security centers TV studios High End Home theatre (P2,5)</p>	<p>Available In: SMD: P5, P5.92, P6.67,P8 and P10 DIP: P10 and P16 Ventilation: P10, P13,3 and P16</p> <p>Outdoor fixed installation screens Screen sizes can be any multiple of 320 mm vertical or horizontal. Ventilation screens size modules are 960 x 960 Steel or Aluminum Light sensor Option Front maintenance available for DIP P10, P16 and P13,3 and P16 Ventilation</p> <p>Applications: Digital Bill Boards (Advertising, churches etc.) Outdoor signage</p>	<p>Available in: SMD: P5, P5,92 and P6.67</p> <p>Various sizes: 2240 x 1280mm 1920 x 1280mm 1600 x 960mm Other custom sizes available</p> <p>Portrait or Landscape orientation Double sided option Front maintenance option Light sensor option 3G / Lan controllable</p>

LED DISPLAYS

Parameters	P2.5	P3.33	P4	P5	P5.0	P5.926	P6.67	P8	P10	P13.3V	P16V	
Indoor / Outdoor	Indoor				Outdoor				Ventilation			
Pixel LED	SMD2020			SMD 3528	SMD2727	SMD3528	SMD3535			DIP346		
Module size (mm)	320 x 320									480 x 160		
Module Resolution (Dots)	128 x 128	96 x 96	80 x 80	64 x 64	64 x 64	54 x 54	48 x 48	40 x 40	32 x 32	24 x 24	20 x 20	
Module Weight	< 1Kg											
Driving scanning Method	1/32	1/16	1/16	1/16	1/6	1/6	1/6	1/8	1/4	1/2	Static	
Pixel Density / sqm	160000	90000	62500	40000	40000	28561	22500	15625	10000	5625	3906	
Cabinet sizes	640x640, 960 x960, 1280x960 or custom / Die Cast 640 x 640									960 x 960		
IP rating	IP43				IP65							
Weight / sqm (Steel, Aluminium)	42kg/30kg											
Service (Front or Back)	Back	F/B	F/B	F/B	Back	Back	Back	Back	F/B	F/B	F/B	
View Distance	>2.5m	>3m	>4m	>5m	>5m	>6m	>7m	>8m	>10m	>13m	>16m	
Input Voltage	AC 220V/50Hz											
Max. Power Consumption w/sqm	400	400	400	400	500	500	500	580	580	700	540	
Ave. Power Consumption w/sqm	160	160	160	160	200	200	200	232	232	280	216	
View Angle	120, 120											
Brightness	up to 1,200				>6000				>7500			
Driver Chip	MBI											
Refresh Rate	920 / 1920				>1920							
Frame Frequency	60Hz											
Colours	4.3 Billion											
Grey Grade	65 536 per Colour											
Operating Temperature	-20C -> +60C				-20C -> +60C							
Working Humidity	10% -> 90%				10% -> 90%							
Communication Distance	Cat 5 < 70meters, fiber > 70 meters											
Input Signal	YPbPr, S-Video, VGA, HDMI, SDI											
Life Span	100 000 hours											
Control System	Novastar											
Operating System	Windows 7 , 8 or 10											

Indoor	SMD	2,5	3,33	4,0	5,0																			
Outdoor	SMD					5,0	5,92	6,67	8,0	10,0														
Outdoor	DIP																				10,0	V13,3	V16,0	

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		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	METER	0,320	0,640	0,960	1,280	1,600	1,920	2,240	2,560	2,880	3,200	3,520	3,840	4,160	4,480	4,800	5,120	5,440	5,760	6,080	6,400	6,720	7,040	7,360	7,680
1	0,320	0,10	0,20	0,31	0,41	0,51	0,61	0,72	0,82	0,92	1,02	1,13	1,23	1,33	1,43	1,54	1,64	1,74	1,84	1,95	2,05	2,15	2,25	2,36	2,46
2	0,640	0,20	0,41	0,61	0,82	1,02	1,23	1,43	1,64	1,84	2,05	2,25	2,46	2,66	2,87	3,07	3,28	3,48	3,69	3,89	4,10	4,30	4,51	4,71	4,92
3	0,960	0,31	0,61	0,92	1,23	1,54	1,84	2,15	2,46	2,76	3,07	3,38	3,69	3,99	4,30	4,61	4,92	5,22	5,53	5,84	6,14	6,45	6,76	7,07	7,37
4	1,280	0,41	0,82	1,23	1,64	2,05	2,46	2,87	3,28	3,69	4,10	4,51	4,92	5,32	5,73	6,14	6,55	6,96	7,37	7,78	8,19	8,60	9,01	9,42	9,83
5	1,600	0,51	1,02	1,54	2,05	2,56	3,07	3,58	4,10	4,61	5,12	5,63	6,14	6,66	7,17	7,68	8,19	8,70	9,22	9,73	10,24	10,75	11,26	11,78	12,29
6	1,920	0,61	1,23	1,84	2,46	3,07	3,69	4,30	4,92	5,53	6,14	6,76	7,37	7,99	8,60	9,22	9,83	10,44	11,06	11,67	12,29	12,90	13,52	14,13	14,75
7	2,240	0,72	1,43	2,15	2,87	3,58	4,30	5,02	5,73	6,45	7,17	7,88	8,60	9,32	10,04	10,75	11,47	12,19	12,90	13,62	14,34	15,05	15,77	16,49	17,20
8	2,560	0,82	1,64	2,46	3,28	4,10	4,92	5,73	6,55	7,37	8,19	9,01	9,83	10,65	11,47	12,29	13,11	13,93	14,75	15,56	16,38	17,20	18,02	18,84	19,66
9	2,880	0,92	1,84	2,76	3,69	4,61	5,53	6,45	7,37	8,29	9,22	10,14	11,06	11,98	12,90	13,82	14,75	15,67	16,59	17,51	18,43	19,35	20,28	21,20	22,12
10	3,200	1,02	2,05	3,07	4,10	5,12	6,14	7,17	8,19	9,22	10,24	11,26	12,29	13,31	14,34	15,36	16,38	17,41	18,43	19,46	20,48	21,50	22,53	23,55	24,58
11	3,520	1,13	2,25	3,38	4,51	5,63	6,76	7,88	9,01	10,14	11,26	12,39	13,52	14,64	15,77	16,90	18,02	19,15	20,28	21,40	22,53	23,65	24,78	25,91	27,03
12	3,840	1,23	2,46	3,69	4,92	6,14	7,37	8,60	9,83	11,06	12,29	13,52	14,75	15,97	17,20	18,43	19,66	20,89	22,12	23,35	24,58	25,80	27,03	28,26	29,49
13	4,160	1,33	2,66	3,99	5,32	6,66	7,99	9,32	10,65	11,98	13,31	14,64	15,97	17,31	18,64	19,97	21,30	22,63	23,96	25,29	26,62	27,96	29,29	30,62	31,95
14	4,480	1,43	2,87	4,30	5,73	7,17	8,60	10,04	11,47	12,90	14,34	15,77	17,20	18,64	20,07	21,50	22,94	24,37	25,80	27,24	28,67	30,11	31,54	32,97	34,41

LED DISPLAYS



BP
P5 - 1920 x 1280 mm





Eskom
P10 - 2240 x 1280 mm



NGV Gas
P8 - 2240 x 1280 mm

LED DISPLAYS



Insane Sound Durban
P8 Rental Screen

Parktown Boys High School
P8 Poster - 2240 x 1280 mm



Uitsig High School
P8 Poster - 2240 x 1280 mm

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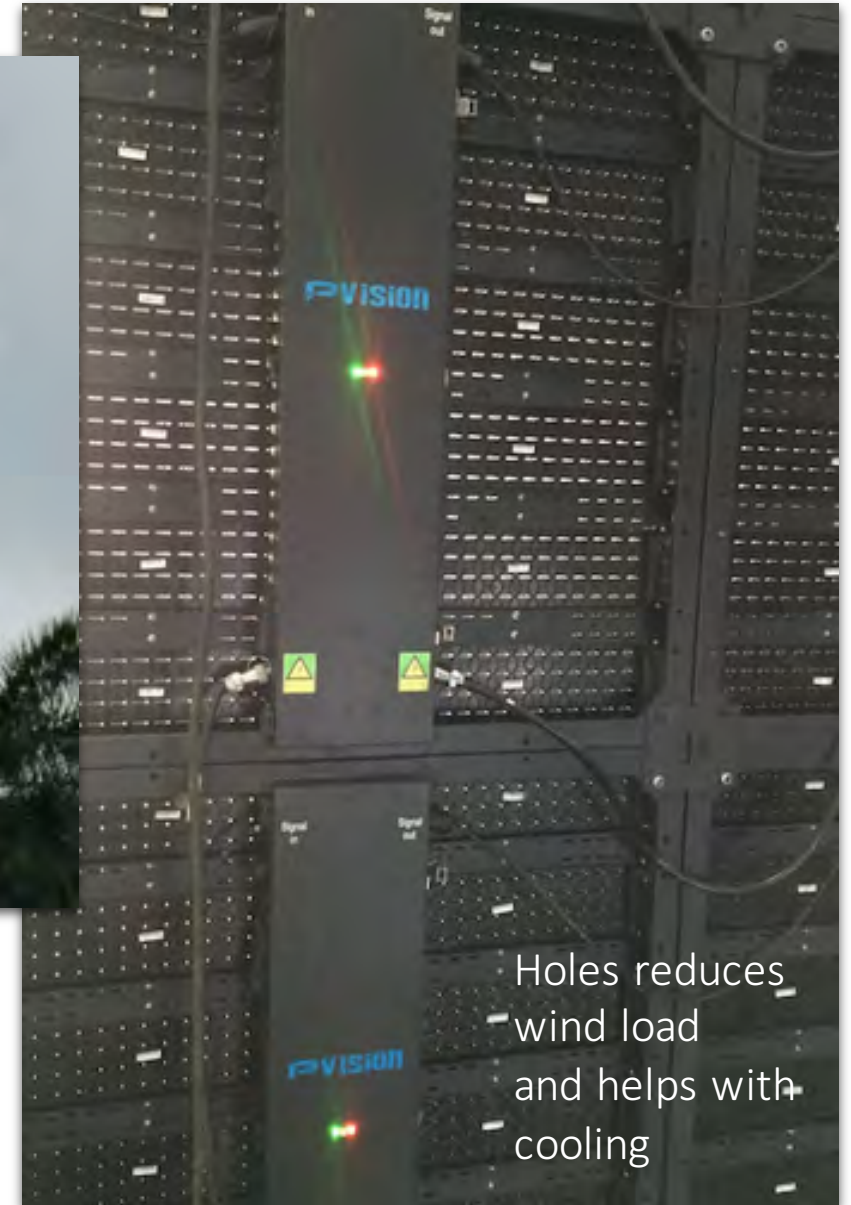
Gold Reef City
Front Opening Access Displays
P5.926 - 1600 x 960 mm



LED DISPLAYS



P13.3 - 7680 x 3840 mm



Holes reduces wind load and helps with cooling

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Seychelles
EDEN BLEU Hotel
P3 - 8450 x 4800 mm



Maponya mall
P5.926 - 7040 x 3840 mm

LED DISPLAYS



Vodacom iPhone Launch
P18 - 9x 3 m Circular



Cradlestone Mall
P6.6 - 23m x 3 m Circular

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Thank You