

P20 OUTDOOR FULL COLOR LED SCREEN SPECIFICATIONS

20mm Pixel Pitch with Oval LEDs

Model:ABSEN-OF20V

Parameter	Unit	Value
Brightness	nits	5000
Color temperature	deg.k	6500
Viewing angle - Horizontal	deg.	120(+ 60/ - 60)
Viewing angle - Vertical	deg.	60(+ 30/ - 30)
Cabinet Weight	kg	65.5
Cabinet Width	mm	1280
Cabinet height	mm	960
Cabinet depth	mm	185
Cabinet area	sq. m.	1.2288
Cabinet material		Steel
Aspect ratio		4:3
Ingress Protection (Front/Rear)	IP	IP65/IP21
Operating temperature range	deg. C	- 20 to + 50
Operating Humidity range	HR	10% to 90%
Pixel type and configuration	R/G/B	2,1,1
Pixel pitch (Physical/Virtual)	mm	20/10
Pixel matrix per cabinet		64×48
Pixels per cabinet		3072
Lines per meter		50
Pixels per sq. meter		2500
LED per sq. meter		10000
Recommended minimum viewing distance	m	20
Colours		1.07Billion
Gray scale	Levels	1024 levels per colour
Brightness control	Levels	100
Digital processing	bit	10
Frame rate	Hertz	60
Display refresh rate	Hertz	>300
Input voltage	VAC	110 to 240
Input power frequency	Hertz	50 to 60
Input power (max/avg)	Watts per sq.m	1000/400
MTBF	Hours	≥10000
Lifetime (50%Brightness)	Hours	≥100000
Module brightness uniformity		< 5%
Blind spot rate		<0.00001
Earth leakage current	mA	<2
Red wavelength	nm	623
Green wavelength	nm	525
Blue wavelength	nm	470
Panel input format (with video processor)		VGA,DVI,RGBHV,PbPr(HDTV),Composite,S-Video,TV
Data interconnection		Super CAT5 cable
Operating system		Windows(98/2000/XP/Vista)
Control distance		Up to 100 meters by CAT5 cable, single fiber up to 10 kilometer.

* Specification subjected to change without prior notice.