

# Specifications



**ENGLISH**

101390 - Pixelmesh P12,5

**LED:**

Color	Package	View Angle	Wavelength	Test Cond.
Red	3-in-1 SMD3528 (Black frame)	140°/140°	625nm	25°C,20mA
Green		140°/140°	520nm	25°C,20mA
Blue		140°/140°	467nm	25°C,20mA

**MODULE:**

Pitch	12,5mm
Screen Mode	Real Pixel
Physical Density	6,400 pixels/m <sup>2</sup>
LED arrangement	3-in-1 SMD3528 (Black frame)
Resolution	32 x 16
Size	400mm x 200mm
Protection Mask	PC (Plastic special)

**PANEL:**

Resolution	32(h) x 64(v)
Width	400mm
Height	800mm
Depth	59mm
Weight	about 6kg/cabinet

**OPTICAL RATINGS:**

Brightness	around $\geq 1200$ cds/ m <sup>2</sup>
View Distance	$\geq 12$ m
Gray Scale	8~14 bits
Screen Color	16.7 million
Brightness Adjustment	4096 Levels

**POWER SUPPLY:**

Operation Power	AC220V/50HZ
Max Power Consumption	315 W /m <sup>2</sup>
Ave Power Consumption	105 W /m <sup>2</sup>

**CONTROL SYSTEM:**

Control Mode	Synchronous display with control PC by DVI
Screen Refresh Frequency	300~1000HZ
Gamma Correction	10 Levels
Support Input	Composite, S-Video, DVI, HDMI, SDI, HD-SDI, VGA
Control Distance	UTP Cat5 Ethernet Cable 100m, Optical fiber 10km
Brightness Correction	Dot by Dot, module by module, cabinet by cabinet
Operating System	Windows98/me/2000/NT/XP

**RELIABILITY:**

Operating Temp.	- 40° ~ 60° Celcius degree
Operating Humidity	10 ~ 95 % RH
Operating Life	100,000 Hours
MTBF	5,000 Hours
Protection Level	IP31
Out of Control Pixel Rate	0,02%