BOSS Full Color Outdoor LED Display

Application: Public information display, advertisement.

Features:

1. Product with different models & sizes can be designed & manufactured according to customer's requirements.
2. Hi-definition, real time display with no flickers.
3. Support multiplication video signals; Support different formats of languages, pictures, and cartoons, video documents etc.
4. Modularized design, integrated control system, distributing scan, and completed digital design, nicer display stability with no picture molestation.
5. Lifelike display, high field frequency, high brightness, no flickers, hardly affect by the sunshine.

System Functions:

1. Support display area's partition; the display area can be edited separately according to different requirements.
2. Support multiplication formats playing. Capable to display & switch the different formats & pages of character, picture; Capable to unfurl, roll, and remove the display pages. Support signal sources as television, DVDs, etc.
3. Forms display function. Capable to establish and edit forms directly with no need of any special software.
4. Capable to set the displaying area; free selection and setting for Timer Setting (Analog Timer & Digital Timer).
5. Special timer setting for count down the big events or big news in any area of the LED panel.
6. Convenient to play the documents which stored in the product at appointed time, easy and safe for manage the LED panel.
7. Multi-way for audio & video system switch.

BOSS Full Color Outdoor LED Display Specification

Center-to-Center Pixel Spacing (Pitch)	12mm	14mm	16mm	20mm	25mm
Panel Display Array (HxW)	48 x 64 pixels	48 x 64 pixels	48 x 64 pixels	48 x 64 pixels	30×40
Panel Size (HxW)	576mm x 768mm	672mm x 896mm	768mm x 1024mm	960mm x 1280mm	750mm x 1000mm
Approx. Panel Weight	36kg	45kg	51kg	56kg	30kg
Max. Panel Power Consumption	360W	880W	950W	990W	380W
Pixel Composing	1R1G1B	1R1G1B	2R1G1B	2R1G1B	2R2G1B
Max. Display Size (HxW)	6m x 8m	6.72m x 8.96m	7.6m x 10.2m	9.6m x 12.8m	12m x 16m
Approx. Panel Weight	36kg	45kg	51kg	56kg	30kg
Luminance (nit)	>=6000	>=6000	>=6000	>=6000	>=6000
Max. Panel Power Consumption	360W	880W	950W	990W	380W
Viewing Angle (Horz.)	±60°	±60°	±60°	±60°	±60°
Optional Viewing Distance	14m	35m	40m	50m	60m
Drive Mode	Constant current drive, Static store & lock				
Display Gray	256				
Display Color	14bit/Color				
Refurbishing Frequency	>240frame/per second				
Display Mode	640×480～1024×768 mode auto-adaptive, polarity auto-adaptive				
Signal Input	VGA signal, multi-system TV signal, SVGA & digital TV signal, etc.				
Image Treatment	Image noise reducing /Enhancement/Dynamic compensate/Color coordinates exchange treatment				
Image Adjustment	Single module group luminance, White balance adjustment				
Transport medium	RS422				
Transport Distance	>=300m				
Input Voltage	AC220v±10% 50Hz±5%				
Operating Temperature	-10ºC-- +60 ºC				
Store Temperature	-20 ºC -- +60 ºC				
Work Humidity	0 － 85％				
Store Humidity	0 － 90％				
LED Lifespan	100,000 Hours				