

## Outdoor Full Color LED Display Solution

### LED 6448-10 SMD

IRIS Display sempre attenta all'evoluzione della tecnologia, si è specializzata nell'ambito della videocomunicazione. Noi crediamo che l'utilizzo dei migliori componenti e la grande esperienza tecnica sono la formula giusta per la sicura soddisfazione del cliente.

Per questo IRIS propone i suoi nuovi prodotti a tecnologia LED come soluzione migliore per le applicazioni sia in ambiente esterno che interno.

I principali vantaggi:

- ❖ Facilità d'installazione (modulare);
- ❖ Ampio angolo di visuale;
- ❖ Alta risoluzione che permette una buona visibilità anche a distanza ravvicinata;
- ❖ Alta luminosità;
- ❖ Opzione IP65 totale.



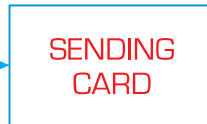
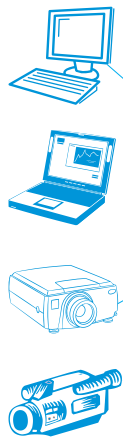
The company IRIS pays always attention to the continuous evolution of technology and is specialized in videocomunication.

We believe that the use of the best components and the great technical experience are the right formula for the customer's satisfaction.

IRIS offers its new led technology products as the best solution to the applications both in external and internal environment.

Main advantages:

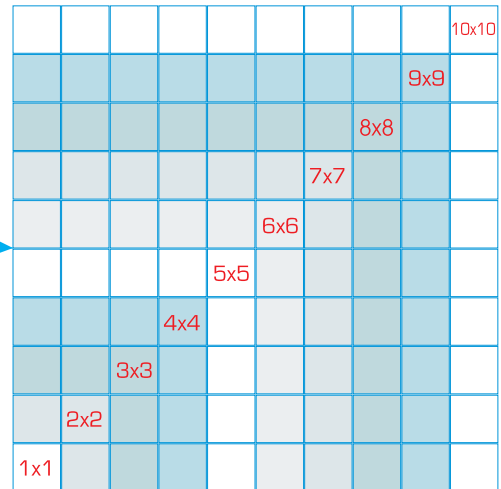
- ❖ Installation ease (modular);
- ❖ Wide view angle;
- ❖ High resolution which allows a good image visibility even at small distance;
- ❖ High brightness;
- ❖ IP65 total option.



RS232



### LEDWALL



#### 1. PIXEL

Pixel composition	SMD 1R, 1G, 1B 3 in 1
Wave length (nm)	R: 626-628, G: 518-520, B: 466-468
Pixels Pitch (mm)	10

#### 2. MODULE

Module Size (mm)	320 (L) * 160 (H) * 20(T)
Module Pixels (dot)	32 (L) * 16 (H)

#### 3. UNIT BOX (CABINET)

Unit box size (mm)	640 (L) * 480 (H) * 150 (T)
Unit box Pixels (dot)	64 (L) * 48 (H) = 3.072 (real pixel)
Unit box material	Aluminum or Iron
Unit box weight (kg)	Aluminum: 17 or Iron: 20

#### 4. PACKAGING

Packing Way	4 unit box packed into one (wooden box)
Packing box size (mm)	1100 (L) * 780 (H) * 480 (T)

#### 5. ELECTRICITY PARAMETER

Pixel density (dots/M <sup>2</sup> )	10000
White Balance Brightness (cd/m <sup>2</sup> )	> = 5500
Color temperature (K)	5000 - 9500 (chosed by user)
Brightness Adjusted	100 grade by software or by Auto-optic induced
View Angle	Horizontal 140° Vertical 140°
Best viewing distance (m)	7 - 100
Communication distance (m)	Internet Wire : 120 Fiber Cable : 1000
Screen work Method	Scan: 1/2
LED driving Method	Constant driving current
Gray Grades	16384 levels for each color
Display Color	4.4 Trillion
Refresh Frequency (Hz)	> = 300
Signal interface	DVI
Input signal VIA video processor	Video: PAL/NTSC Option: VGA, SVideo, DVD, TV, etc
Display format	800 * 600, 1024 * 768, 1280 * 1024
Software Support	Windows series system
Protection grades	IP65
Temperature (°C)	-10 ~ +50 (working); -30 ~ +70 (storage)
Humidity (RH)	Up to 95
Screen Lifetime (hours)	> = 100,000
Switch power supply	110V/60HZ, 220V/50HZ
Power Consumption (W/m <sup>2</sup> )	Max 1800, Average: > = 900