

Topic 1: The Technical Requirements for Logo/Flash Showing

Different size; same pixel pitch; different resolution



25*25pixels (P10)

50*50pixels (P10)

100*100pixels (P10)

Same size, different pixel pitch; different resolution,



1m*1m (P40)

1m * 1m (P20)

1m * 1m (P10)

Different size; different pixel pitch; same resolution



P10, 1m*1m

P16, 1.6m*1.6m

P20, 2m*2m

Minimum-demanded resolution to show a simple logo:

50*50 (L/H)

2500 pixel

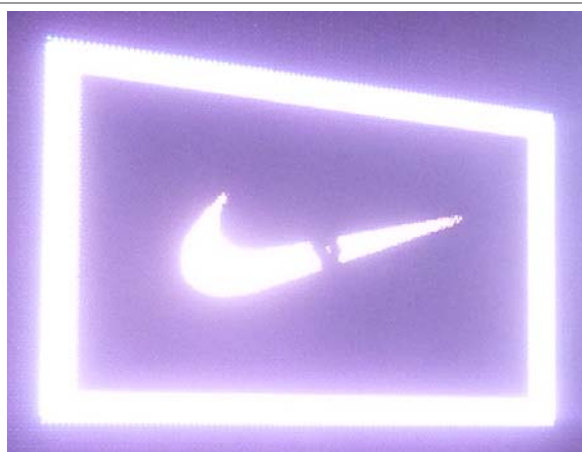
If less than this standard, the final display effect will be poor.

The final display effect of the LED screen which used for graphic showing is decided by 2 aspects:

1. distance between we and object——Viewing distance
2. display capability of the LED screen——Resolution/definition

The above 2 points decide the final resolution of the screen.

Case A,B,C,D: 96*48 pixels; 0.768m high * 1.536m long (PH16)



A	B
C	D



E

Case E:
5.12m * 0.768m
320*48 pixels P16



The commonly used sizes for stadium perimeter LED screen (show logo) are:
P16: 1024*768mm/64*48 pixels; P20: 1280*960mm/64*48 pixels

