64x64 RGB LED Matrix - 2.5mm Pitch - 1/32 Scan

PRODUCT ID: 3649

Description

- Winter time can be rough in the city. The sky is gray. The weather is unpredictable. So slough off those seasonal blues with some Times Square razzle dazzle from this sweet, ultra-high-density 64x64 RGB LED Matrix. These panels are typically used to make video walls. Here in New York we see them on the sides of buses and on top of taxi cabs displaying animations or video advertisements. We thought they looked really cool, so we picked up a few boxes of them from a factory. They have 4,096 bright RGB LEDs arranged in a 64x64 grid at a 2.5mm pitch.

  WARNING! These 64-pixel tall matrices use a non-standard 5-address multiplexing system! WARNING!

  Many add-ons or drivers use only a 4-address (ABCD) setup. Right now the only board we have that can use these big matricies is our RGB Matrix Bonnet for Raspberry Pi, and you'll need to connect a solder jumper. Other libraries such as our Arduino library, or our HDMI driver boards don't support 5-address multiplexing!

- Full Kit Contents:

  - 64x64 RGB panel
  - IDC ribbon cable (~200mm)
  - power cable (~480mm)
  - 4 mounting screws and mini-magnets

Technical Details

- Brightness: 2800cd/square meter
- Size: 160x160mm
- Pitch: 2.5M
- 5 Addressable Pins
- Scan: 1/32
- Refresh Frequency: >=400HZ
- Waterproof Class: IP43
- Weight: 204.8g (only matrix panel). 255g (w/ components)

Best for indoor use

Product Dimensions: 160.0mm x 160.0mm x 17.6mm / 6.3" x 6.3" x 0.7"

Product Weight: 204.8g / 7.2oz

RoHS