



Date: \_\_\_\_\_ Quantity: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Project: \_\_\_\_\_



## T Series 4mm Pitch Indoor High Resolution Module

High Resolution Media System displays crisp, clear imaging in vivid color and detail. This Indoor RGB Module provides scalable communication messaging for retail and entertainment environments. High contrast ratio, brightness, and color correction technology ensures crisp, clear images and precise color reproduction. Daisy chain topology and simple cabling enable easy connection.



### Product Specifications

Light Source	SMT (RGB in 1) LEDs
Pixel Pitch	4.44mm
Pixel Configuration	144 x 108
Color Temperature	6500 K
Viewing Angle	140° Horizontal / 140° Vertical (50% brightness)
Brightness	2000 nits ( cd / m <sup>2</sup> )
Minimum Viewing Distance	4 meters
Contrast Ratio	3300 :1
Process Depth	16 bits
Display Refresh Rate	100kHz
Enhanced Resolution Features	N/A
Grey Scale (Linear) / Color	65536 levels
Total Number of Colors	281 trillion
Lifetime (50% brightness)	≥100,000 Hrs to 50% of initial brightness
Dimensions (W x H x D)	640 x 480 x 140mm 25.2" x 18.9" x 5.5"
Module Surface Area	0.3072m <sup>2</sup> / 476.28 in <sup>2</sup>
Weight	13kg / 28.7lbs
Regulatory Listing & Safety Approval	CE
Operating Temperature	0°C to +40°C / +32°F to +104°F
Storage Temperature	-40°C to +60°C / -40°F to +140°F
Environment	Indoor (IP40 Front / IP20 Rear)
Humidity	< 90%, non-condensing
Service Access	Rear

### Electrical Specifications

Input Voltage	100-240V AC 50/60Hz
Power Consumption	230W max. per module

### System Specifications

Input Source	AV, S-Video, VGA, DVI, HDMI, SDI, DP through Video Processor
Processor	Driving with Traxon Interface Processor (DVI or HDMI interface)
Power Supply	Built-in

### Mounting

Mounting Bolt	Fixed with M10 Bolt x 4 pcs
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LED CHARACTERISTICS Because LEDs are semiconductor devices, their performances are subject to inherent variability commonly found in semiconductor industry. To improve consistency in performance across the same product, LED manufacturers "sort" LEDs into bins according to different preset parameters, such as forward driving voltage, illumination, etc. Whereas binning is a sorting function, it is not a correction process. Inherent variability in the manufacturing process results always in different binning distributions according to different production lots. Traxon uses automatically binned LEDs on its products, thereby minimizing output variations within the model range.

As with all electronic devices, LED output degrades over time – a term called lumen depreciation. This also explains why it is nearly impossible to expect photometric performances of two LED products with different service life spans to be the same. The rate of LED degrade is a complicate function of many factors such as operating efficiency, duration of continuous operation, and more significantly, environmental conditions (ambient temperature for example). If allowed working under optimal operating temperature range and with good ventilation, LED devices enjoy long service lives over conventional light sources. When using/installing LED devices, care should be taken to ensure that the devices will operate within the operating conditions specified in respective product literature.

[www.traxontechnologies.com](http://www.traxontechnologies.com)

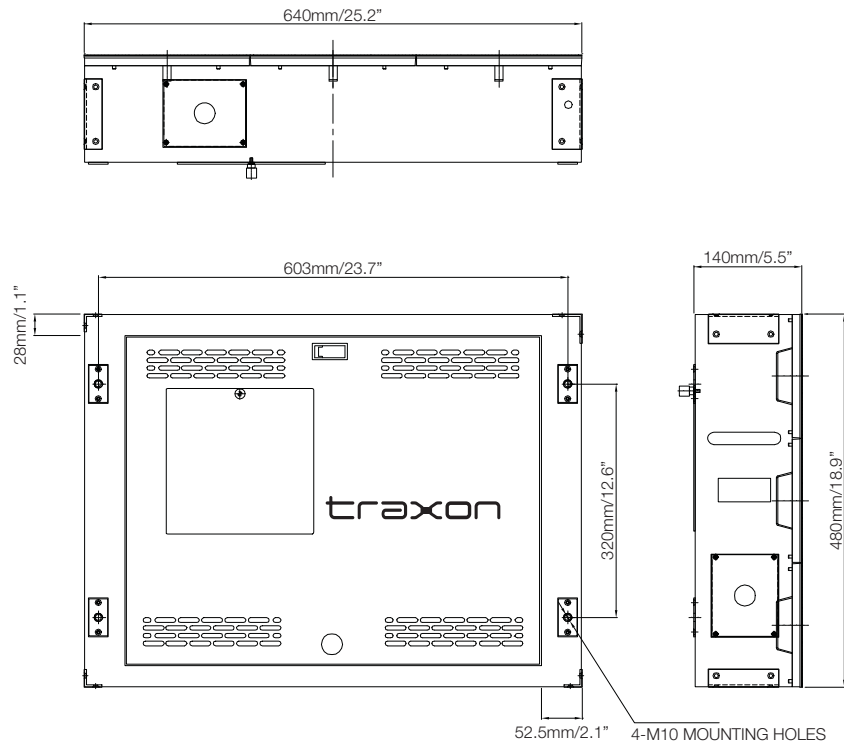
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## T Series 4mm Pitch Indoor High Resolution Module

## Dimensions

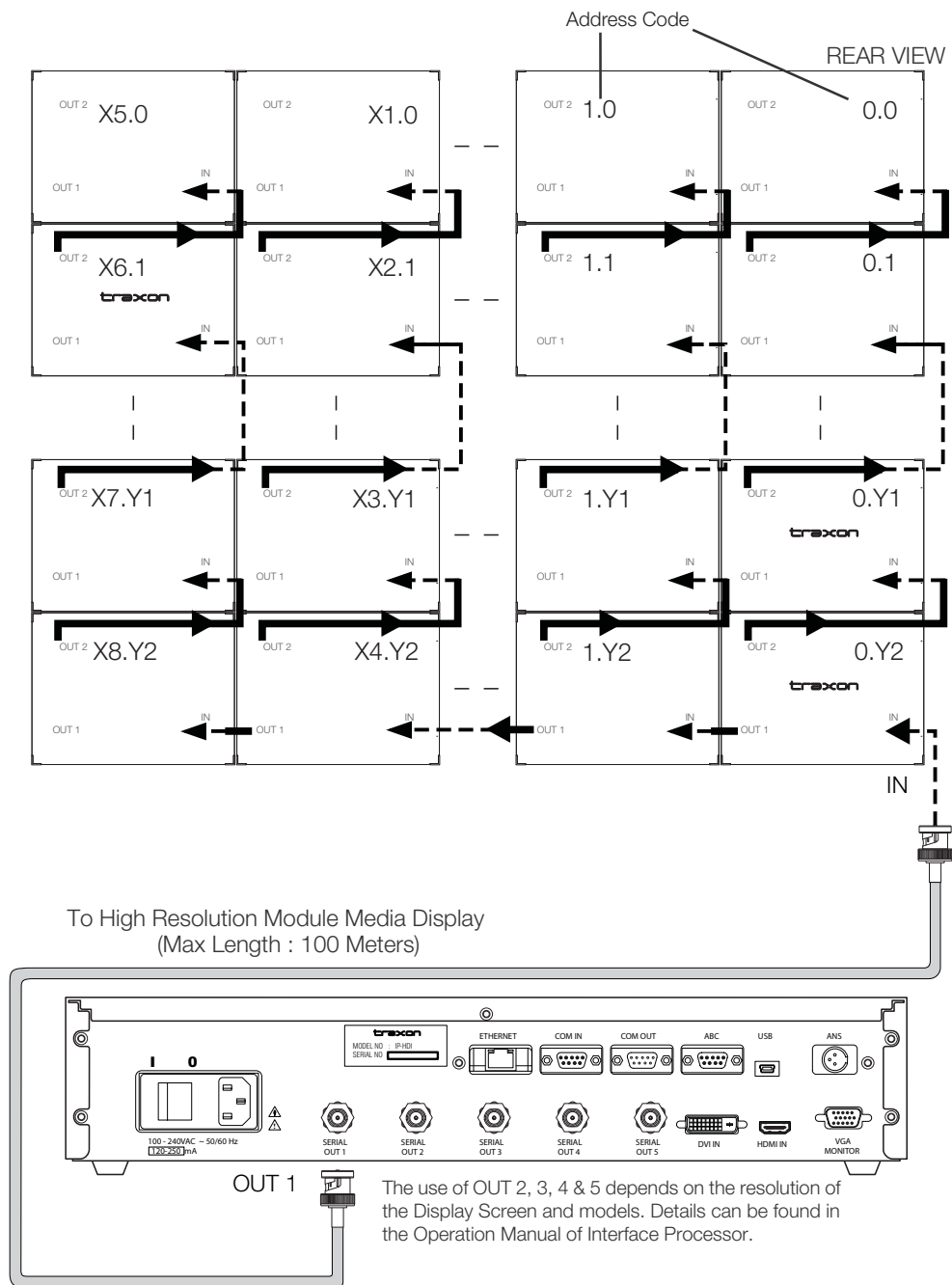
4mm pitch High Resolution Module  
Rear Access (RA)





**T Series 4mm Pitch Indoor  
High Resolution Module**

**System Diagram**





## T Series 4mm Pitch Indoor High Resolution Module

Ordering

### Fixtures

- Please contact regional Traxon sales office for details

### Accessories

Model No.	Description	Item Code
HR.PE.8001000	Interface Processor - HDI	AA557470055

