



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



Front Access (FA) Rear Access (RA)

## T Series 10mm 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. Two Module versions allow front (FA) or rear (RA) access.



	Front Access	Rear Access
Light Source	SMT (RGB in 1) LEDs	
Pixel Pitch	10mm	
Pixel Configuration	64 x 48	
Color Temperature	6500 K	
Viewing Angle	150° Horizontal / 140° Vertical (50% brightness)	
Brightness	2000 nits ( cd / m <sup>2</sup> )	
Minimum Viewing Distance	10 meters	
Contrast Ratio	1000 :1	
Process Depth	16bits	
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 155mm 25.2" x 18.9" x 6.1"	
Module Surface Area	0.3072m <sup>2</sup> / 476.28 in <sup>2</sup>	
Weight	14kg/30.9lbs	10kg/22lbs
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	Front Access	Rear Access

### Electrical Specifications

Input Voltage	100-240V AC 50/60Hz
Power Consumption	140W 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	Fixed with M6 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)

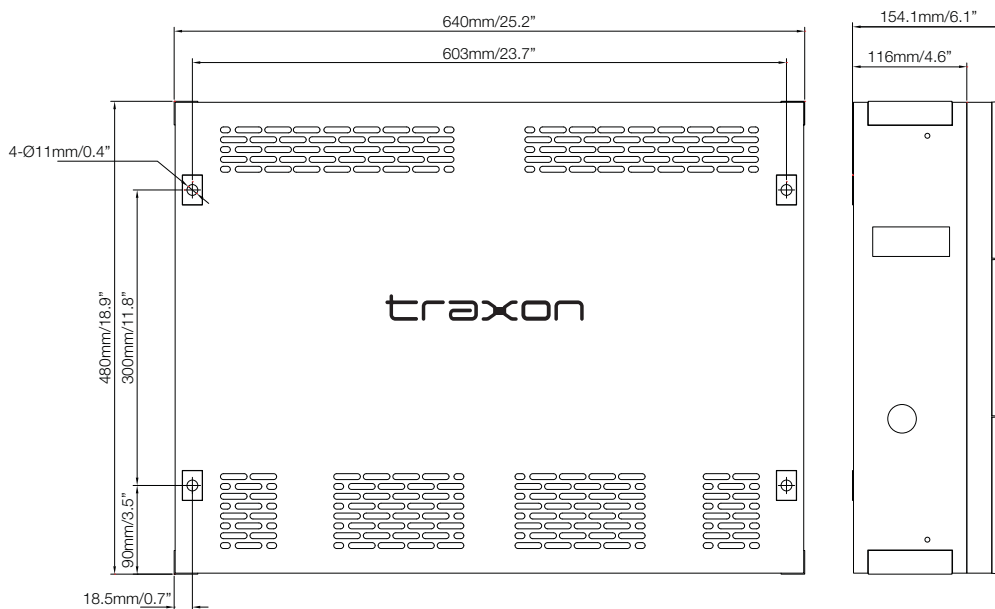
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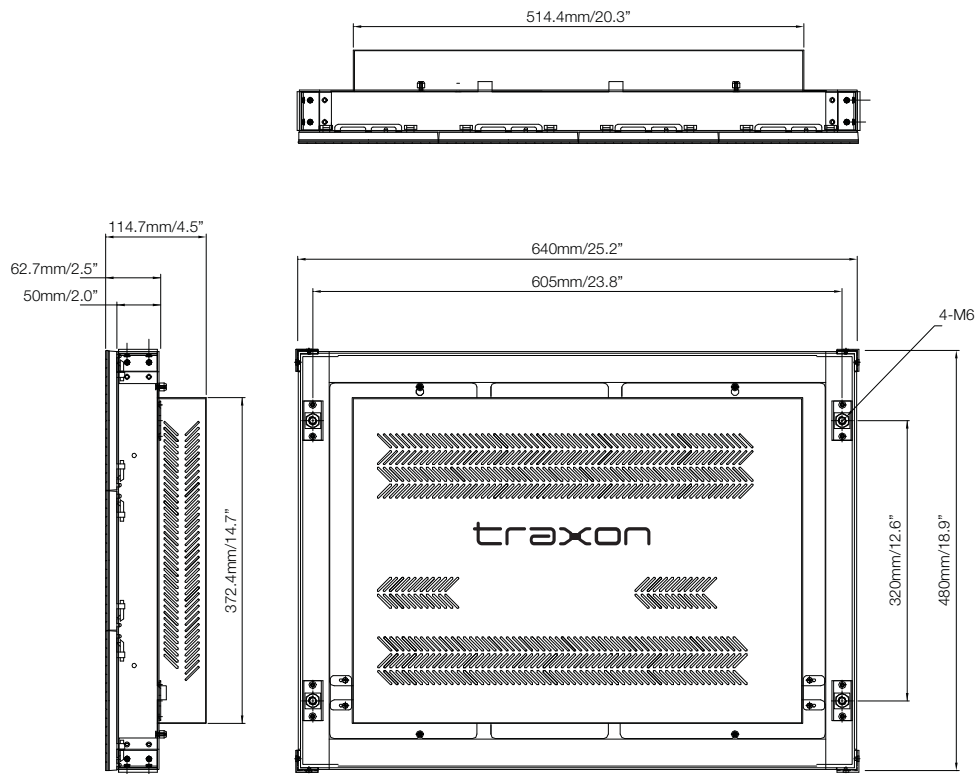
## T Series 10mm Pitch Indoor High Resolution Module

## Dimensions

### 10mm pitch High Resolution Module Front Access (FA)



### Rear Access (RA)



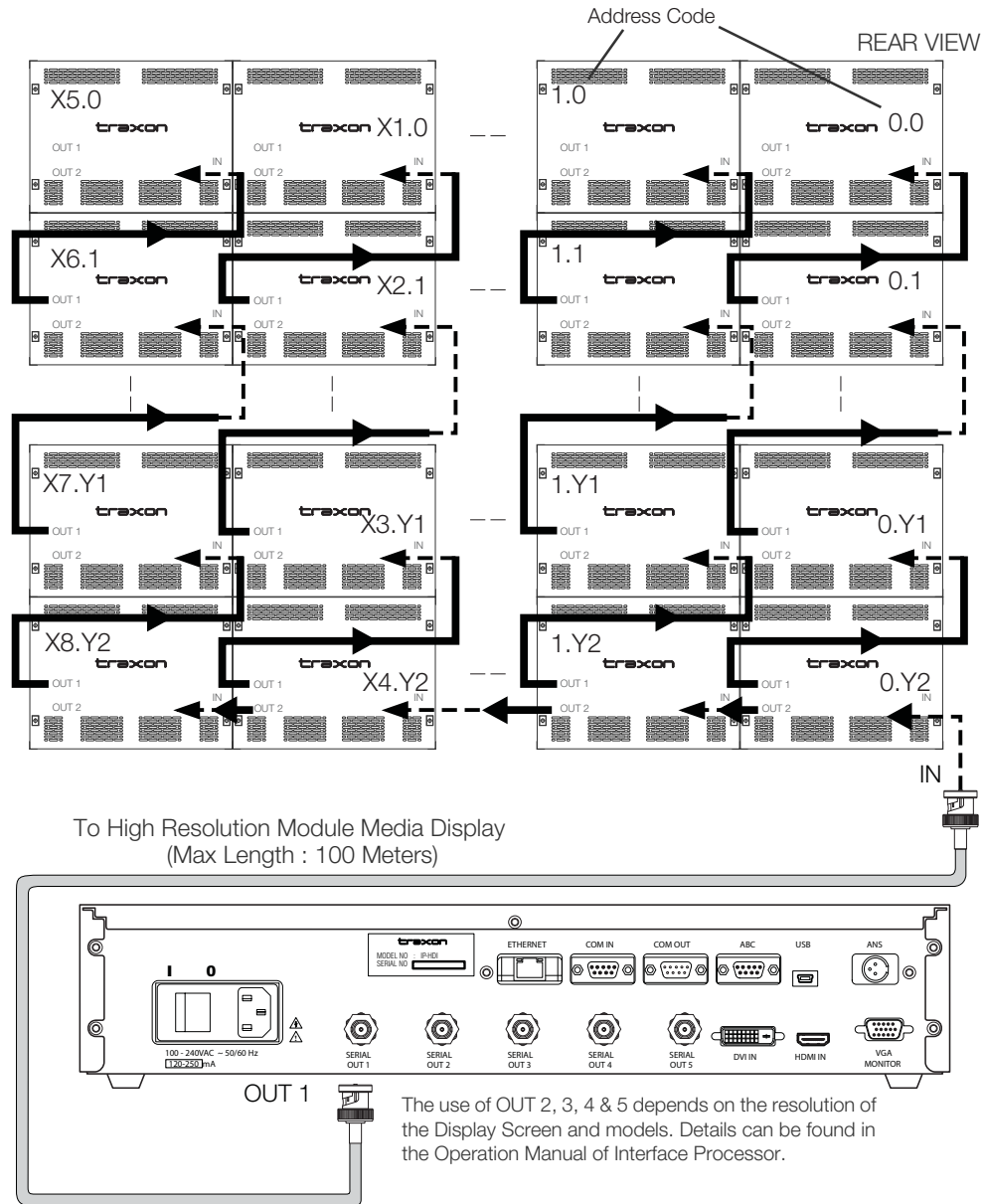
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**T Series 10mm Pitch Indoor High Resolution Module**

**System Diagram**





## T Series 10mm 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

