



Date: _____ Quantity: _____
 Company: _____
 Project: _____



T Series 7mm Pitch Outdoor High Resolution Module

High Resolution Media System displays crisp, clear imaging in vivid color and detail. This Outdoor RGB Module provides scalable communication messaging for retail and entertainment environments, sports arenas, and exhibition façades. 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	Oval LEDs; 1R2G1B
Visual Resolution	7.94mm
Pixel Pitch	15.88mm
Dot Configuration	128 x 96
Color Temperature	6500 K
Viewing Angle	140° Horizontal / 75° Vertical (50% brightness)
Brightness	6000 nits (cd / m ²)
Minimum Viewing Distance	8 meters
Contrast Ratio	2000 :1
Process Depth	16bits
Display Refresh Rate	100kHz
Enhanced Resolution Features	Yes
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)	1016 x 762 x 200mm 40" x 30" x 7.9"
Module Surface Area	0.7742m ² / 1,200 in ²
Weight	40kg / 88.2lbs
Regulatory Listing & Safety Approval	CE
Operating Temperature	-20°C to +50°C / -4°F to +122°F
Storage Temperature	-40°C to +60°C / -40°F to +140°F
Environment	Indoor (IP65 Front / IP43 Rear)
Humidity	< 90%, non-condensing
Service Access	Rear Access
Electrical Specifications	
Input Voltage	100-240V AC 50/60Hz
Power Consumption	410W max.
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 M12 Bolt x 4 pcs

1. The Environment IP Rating is IP65 for the Front Side and IP43 for the Rear Side.

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

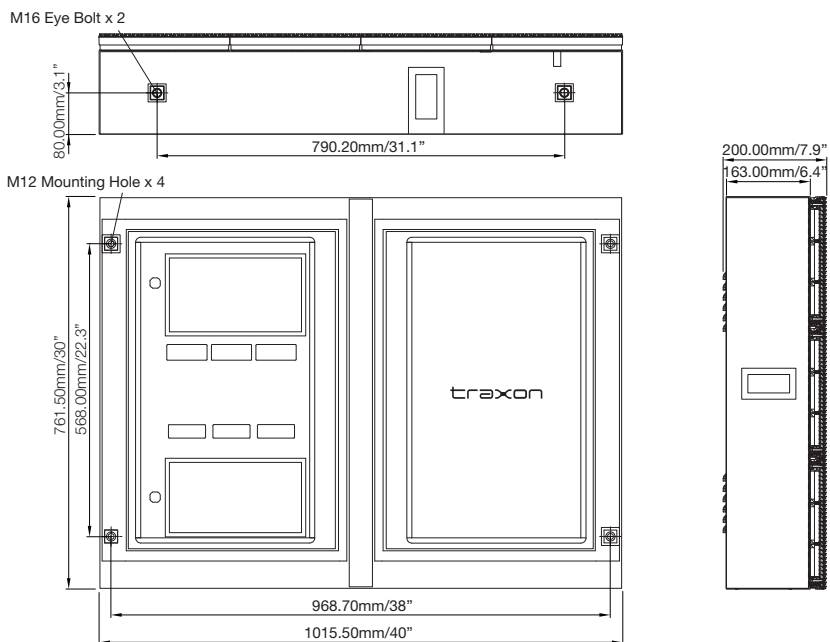
©2015 TRAXON TECHNOLOGIES - AN OSRAM BUSINESS. ALL RIGHTS RESERVED. TRAXON™, TX CONNECT®, ARE TRADEMARKS OF TRAXON TECHNOLOGIES. U.S. PATENTS, E.U. PATENTS, JAPAN PATENTS, OTHER PATENTS PENDING. SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.



T Series 7mm Pitch Outdoor High Resolution Module

Dimensions

7.94mm pitch High Resolution Module





T Series 7mm Pitch Outdoor 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



©2015 TRAXON TECHNOLOGIES - AN OSRAM BUSINESS. ALL RIGHTS RESERVED. TRAXON™, TX CONNECT®, ARE TRADEMARKS OF TRAXON TECHNOLOGIES. U.S. PATENTS, E.U. PATENTS, JAPAN PATENTS, OTHER PATENTS PENDING. SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.