

FIXTURE TYPE \_\_\_\_\_

PROJECT NAME \_\_\_\_\_

LOCATION \_\_\_\_\_



# Advatek PixLite T8-S MK3

Long Range Pixel Data Transmitter



Partnered with:  
**ADVATEK**  
LIGHTING



## I Description

The TX-T8MK3 is an advanced long-range pixel LED controller designed for reliability and user-friendliness. Capable of transmitting 96 universes of data up to 984ft, it's perfect for professional installations with long distance pixel setups. Must be paired with the R2F or R4D receiver.

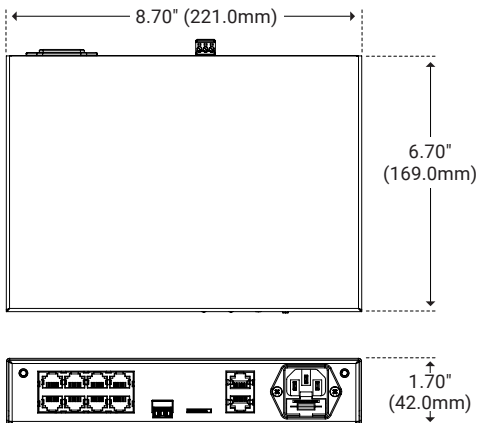
## I Features

- Send Pixel Data up to 984ft (300m)
- Up to 96 Universes of Art-Net or sACN
- Over 50+ Pixel Protocols Supported
- Configure Using Advatek Assistant 3 Software

## I Series Spec

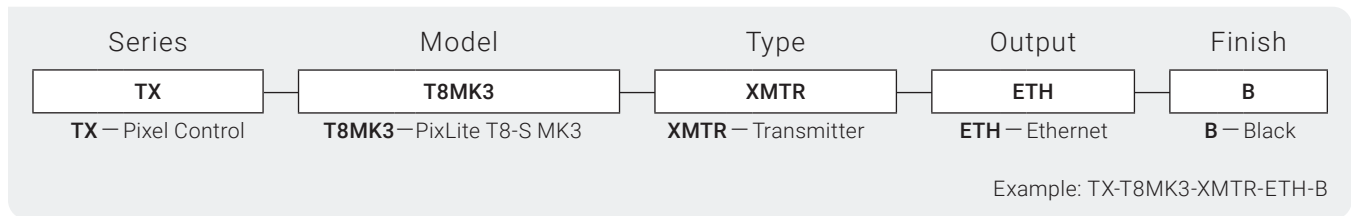
Series	TX
Input Voltage	100–240V AC
Control Outputs	SPI (must be used with R2F-S or R4D-S)
Triggering & Integration	Dependant on connected controller
Inputs	Ethernet, DMX512, Serial
Max Devices	Unlimited/Dependant on Controller outputs
Pixel Protocols	50+
Max Distance	984ft (300m)
Data Storage	Micro SD Card
Length	8.70" (221.0mm)
Width	6.70" (169.0mm)
Height	1.70" (42.0mm)
Physical Build	Wall Mount, 1U Rack Mount Single 1U Dual Rack
Operating Temperature	14F (-10 °C) to 140F (60 °C)
Storage Temperature	14F (-10 °C) to 140F (60 °C)

## I Dimensions





## I Product Code Builder



## I Series Data

Model	Code	Mode	Pixel Outputs	RGB/RGBW Pixels Per Output	Universes Per Pixel Output	Total Pixel Universes
T8-S MK3	T8MK3	Normal	16	1020/768	6	96
		Expanded	32	510/384	3	96

## I Control Inputs

sACN	USITT E1.31 (with per fixture priority) standard
Art-Net	ArtNet, ArtNet II and ArtNet III (configurable broadcast override)

## I Control Outputs

DMX 512	RS485 Terminal Block for DMX In, DMX Out, Trigger, or Live Intensity
SPI	Via (8) RJ45 Ports (must be used with R2F-S or R4D-S)

## I Interfaces

Ethernet	Dual Gigabit Ethernet for Data In/Out + Daisy Chain Multiple T8MK3
RS485	RS485 Terminal Block for DMX In, DMX Out, SHOWtime triggers, or Live Intensity
RJ45	(8) RJ45 Ports - Can connect up to (8) R2F or R4D Receivers up to 300m - includes electrical fault protection on all ports
MicroSD Card Slot	SD Card Slot for SHOWTime recording and playback without the use of a controller



## I Accessories

### Dual 1U Rack Mounting Kit



Unit Number CM-T8MK3-Rack-D  
Finish Black Powder Coat

### Single 1U Rack Mounting Kit



Unit Number CM-T8MK3-Rack-S  
Finish Black Powder Coat

### Wall Mount Bracket



Unit Number CM-T8MK3-Wall  
Finish Black Powder Coat