



STM42 LED Displays



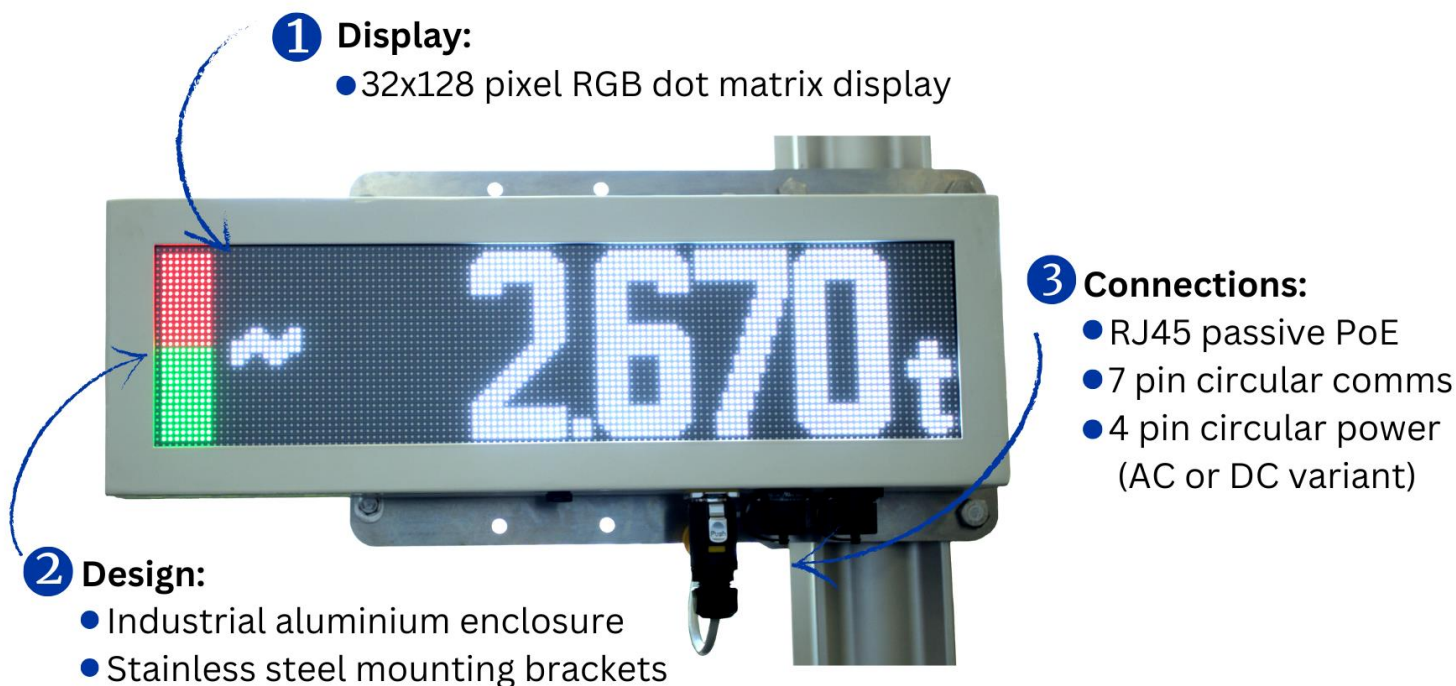
## Startek Matrix Outdoor Displays

Startek STM42 remote displays stand out from other outdoor displays by combining rugged durability with advanced, user-friendly features tailored for industrial and agricultural environments. Their support for alphanumeric displays, configurable text colors with a full RGB range, built-in traffic light functionality, and state indication offer unmatched versatility.

Extensive string protocol compatibility, remote firmware updates, and multiple connectivity options, including Ethernet, Wi-Fi, and RS232/RS485 serial, ensure seamless integration into a variety of systems. Designed with longevity in mind, these displays deliver a unique combination of reliability, functionality, and ease of use, making them a superior choice for outdoor applications.

**The STM42 is highly customisable to suit a wide range of display needs!**





## Features:

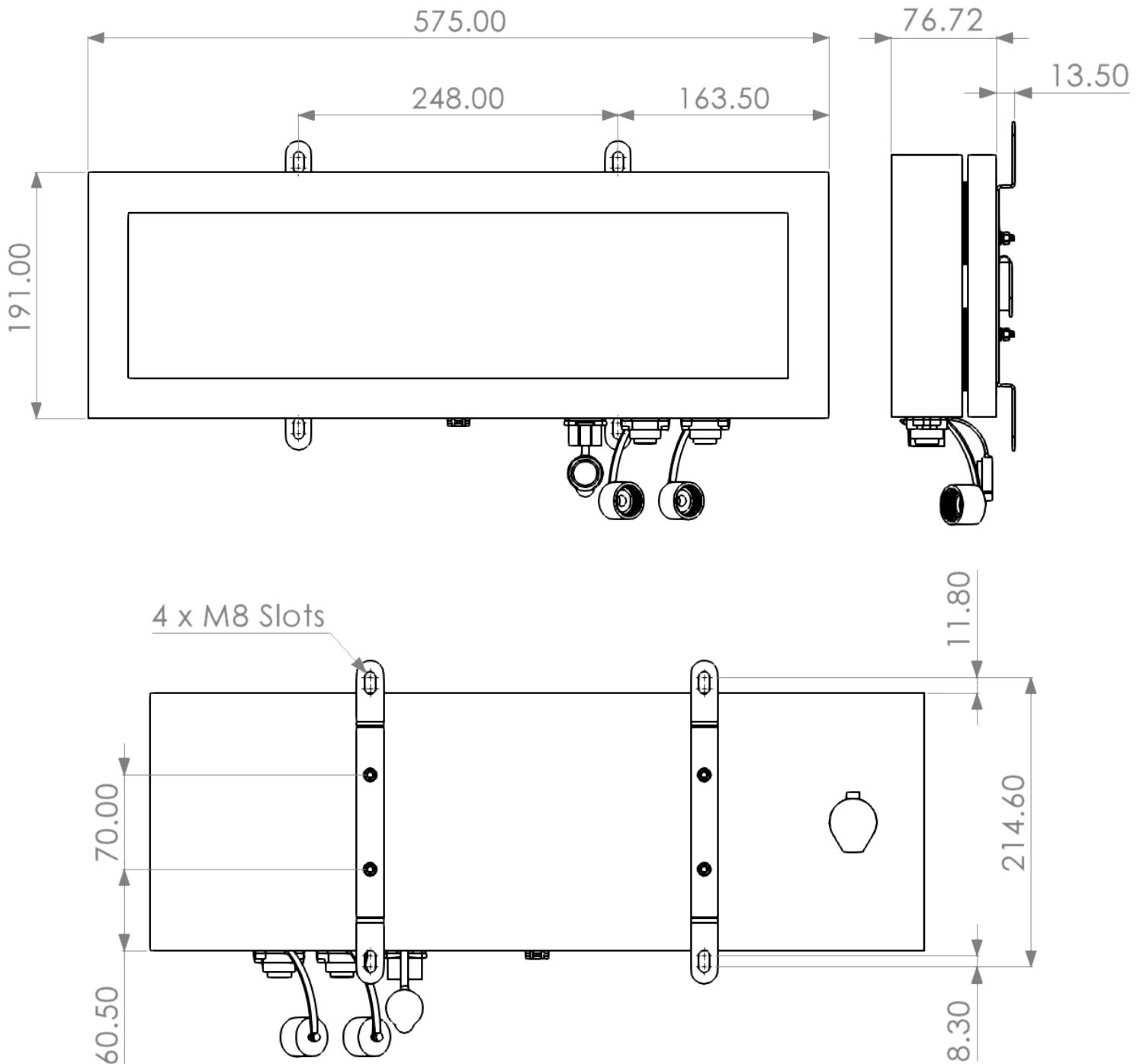
- Super bright outdoor LED's
- Hyper customizable (text, images etc.)
- Full RGB colour range for text
- Factory PoE Option for DC variant
- Scrolling messages
- Wide protocol support
- Configurable weight unit
- Built in traffic light support
- Motion, error, overload and unit serial indication support
- RS232 & RS485 support
- TCP/IP via Ethernet / Wi-Fi
- User configurable through webpage over Wi-Fi
- Remote firmware updates
- Rear mounting bolts
- Web Interface Configurable
- Set up on any device with a web browser
- Accessible by any device on the same network, or by the device's own hosted network



## Specification Table:

	AC Power		DC Power	
Display	Super Bright Outdoor LEDs			
	All alpha numeric characters and basic symbols			
	ASCII Characters (0x20-0x7E)			
	Custom weight unit symbols for Grammes, Kilograms, Tonnes and Imperial Pounds			
Display Types	Static and Scrolling			
Text Digit Length	8 digits static / 249 digits scrolling			
Digit Height	32px / 128mm			
Traffic Light Indicators	Red and Green			
Status Indicators	Motion, Error, Overload, Underload			
Display Units	Grammes (g), Kilograms (Kg), Tonnes (t) and Imperial Pounds (lbs)			
Power Supply	110-240VAC 60W MAX		18-72VDC 60W MAX	
POE Supported	-		Passive POE Injection	
Typical Power Consumption	<30W (@240VAC)		<30W (@24VDC)	
Environment Rating	IP65			
Weight	4.4 kg		4.0 kg	
Communications	RS232 Serial, RS485 Serial, Ethernet, Wi-Fi			
Supported Protocols	Startek	AD Standard String	Soehnle Without DP	
	Ranger A	AD4531	Soehnle With DP	
	Ranger B	Toledo Continuous	Flintab	
	Ranger C	GSE Without COZ	Phillips	
	Ranger D	GSE With COZ	Condec	
	Ranger PCMODE	Schenck Without DP	Bilanciai D410	
	RINCMD	Schenck With DP	Systec	
	Avery String 7	Auto Control String 1	Ranger Scrolling Messages	
	Gedge C2	Auto Control String 2		
	Gedge C3	Sartorius		
Text Configuration Options	Clear on Zero	Default Weight Unit	Mirror Display Vertically	
	Remove Leading Zeroes	Override Protocol Unit	Indicate Communications	
	Default Text Colour	Mirror Display Horizontally	Timeout	
Communications Configuration Options	Wi-Fi Access Point/Station Configuration			
	Static / Dynamic IP specification			
	Serial Baud Rate Selection			
	RS485 Enable/Disable Termination Resistor			

## Diagrams:



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