TRYSTAR

EVENT MANAGER

DATA SHEET

EM-100



15765 Acorn Trail / Faribault, MN 55021 / 507.333.3990

TRYSTAR.com

PRODUCT INTRODUCTION

The Trystar Event Manager provides the ability to view and monitor I/O status from multiple Trystar Sequence of Event Recorders (SERs) in one easy to understand web interface.

Combined Sequence of Event Recorder Event Coordination

Multiple Sequence of Event Recorders in One View.

This intuitive, simple to use tool lets users take better advantage of precision time recordings of status changes in electrical equipment. Where critical power applications are concerned, the Event Manager helps easily identify I/O status and speed up troubleshooting efforts when an event has occured.

The Event Manager also allows the consolidation of events from all downstream SERs pertaining to a single incident, providing fast and powerful event reconstruction analysis. A valuable resource to help identify power loss events quicker, saving time and money for power restoration in critical power applications.

Key Features

Easy Setup of Event Manger via Web Interface: Simple setup using standard web browser.

Status Monitoring of Unlimited SERs from One Web Browser: Get quick analysis of each SER on the network, with an intuitive user interface.

Remote Firmware Update of any SER on the Network: Easily update firmware on any SER located on the network, configure time synchronization settings, input and output settings.

Custom Templates: Create custom templates to use when duplicating settings such as; input naming, time synch input protocol, and others on setup of multiple SERs.

Password Management: Manage and change passwords of connected SER devices.

Event Logs: View at once, the event logs from all connected devices on the network .

I/O Status Screen: View all I/O status ON/OFF indicators on each circuit per each SER located on the system.

Diagnostics: Quickly and easily ascertain diagnostics on each individual system device.

PRODUCT SPECIFICATIONS

Regulatory		
Regulatory Compliance	Safety	EN 60950-1: 2013, IEC 60950-1: 2013, UL 60950-1
	EMC	EN 55032/24: 2016
	EMI	CISPR 32, FCC Part 15B Class A
	EMS	IEC 61000-4-2: 2008, ESD: Contact: 4 kV; Air: 8 kV IEC 61000-4-3: 2010, RS: 80 MHz to 1 GHz: 3 V/m IEC 61000-4-4: 2012, EFT: Power: 1 kV; Signal: 0.5 kV IEC 61000-4-5: 2017, Surge: Power: 0.5 kV; Signal: 1 kV IEC 61000-4-6: 2013, CS: 3 V / IEC 61000-4-8 PFMF
	Hazardous Locations	Class I Division 2, IECEx Zone 2: 2019, ATEX Zone 2
	Sustainability	Directive EU/2011/65 + 2015/863 (RoHS) Directive 2012/19/EU, Category 6 (WEEE)

© 2026 All rights reserved.

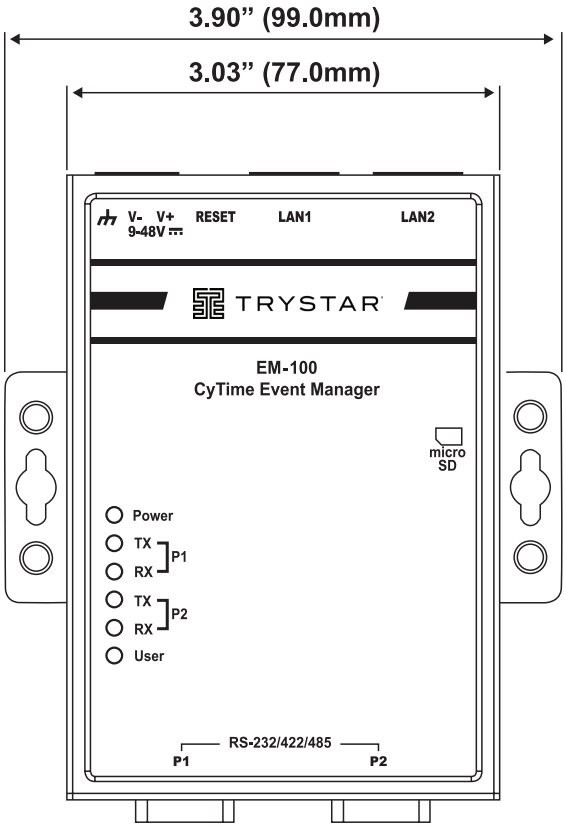
Electrical		
Control Power	Safety	EN 60950-1: 2013, IEC 60950-1: 2013, UL 60950-1
	EMC	EN 55032/24: 2016
	EMI	CISPR 32, FCC Part 15B Class A
Communications		
Ethernet Interface (10/100/1000 Mbps)	HTTP (TCP Port 80)	W3C Standard Compliant
	Modbus (TCP Port 502)	Serves as client port only between event manager and SER
	FTP (TCP Port 21)	Serves as client port only between event manager and SER
Memory	Storage Volatile Memory	8GB eMMC 512 MB (for application execution)
Mechanical / Environmental		
Mechanical	Mounting	Standard DIN rail (EN 50022, 35 mm x 15 mm)
	Dimensions (W x H x D)	3.90 x 4.37 x 1.00 in (99 x 111 x 25.5 mm)
	Weight	0.64 lb (290 g)
Environmental	Temperature (Operating)	- 40 to 167°F (- 40 to 75°C)
	Temperature (Storage)	- 40 to 185°F (- 40 to 85°C)
	Humidity rating	5 to 95% (non-condensing)
Ordering Information	The following models are available for the CyTime Event Manager:	
	Catalog no.	**Description**
Trystar Event Manager	EM-100-25	Trystar Event Manager, DIN Rail Mount (25 Unit Support)
	EM-100-UNL	TrystarEvent Manager, DIN Rail Mount (Unlimited Unit Support)
	EM-100-UPG①	Trystar Event Manager Upgrade (Upgrade from 25 to Unlimited Unit Support)

The Unit Support option (number of SERs identified) is activated by a software license key, unique to each Event Manager. When ordered, this key is installed at the factory. When an EMS-100-UPG is ordered as a field-upgrade to an existing EMS-100-25 Event Manager, a new key is provided via a license certificate.

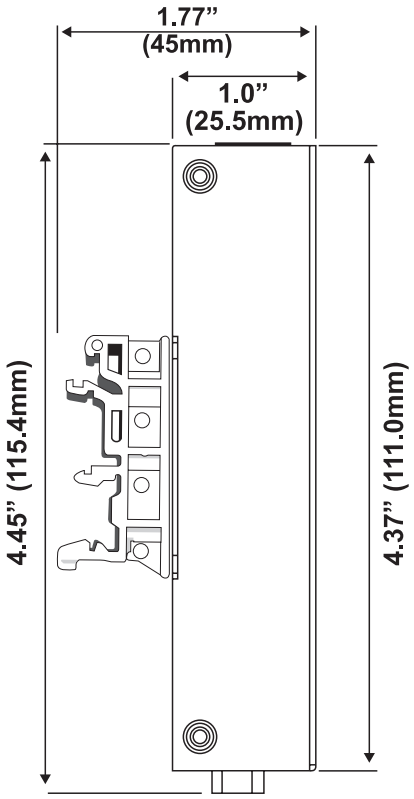
For More Information on the Trystar Event Manager go to: www.trystar.com

© 2026 All rights reserved.

PRODUCT DIMENSIONS



Front View



Side View
(with DIN rail mount)

© 2026 All rights reserved.

TRYSTAR®

15765 Acorn Trail / Faribault, MN 55021 / 507.333.3990
Document Number: 0501DS0226 REV10/26 / © 2026 Trystar, LLC. All rights reserved.