

Product: [TOFINO XENON ModbusTCP LSM](#)

TOFINO XENON Modbus TCP Enforcer LSM



Product Description

The Tofino Xenon Modbus TCP Enforcer Loadable Security Module (LSM) is a content inspector for Modbus communications, checking every Modbus command and response against a list of "allowed" commands defined by your control engineers.

Technical Specifications

Product description

Name:	942140001
Part Number:	942140001

Configuration features

Configuration functions:	Simple configuration using the Tofino Configurator
--------------------------	--

Diagnostics features

Alarm and event actions:	Reports security alerts to a syslog server and to non-volatile memory on a Tofino Xenon Industrial Security Appliance
Event generation:	All standard Tofino modes supported: • Test: all traffic allowed; alerts generated as per user rules • Operational: traffic filtered and alerts generated as per user rules
Modules and components:	• Tofino Xenon Industrial Security Appliance. This new enforcer cannot be run in older systems. They will work for existing Tofino Xenons in the field. • Tofino Firewall/Event Logger LSM • Tofino Configurator version 3.2
Monitoring:	Deny by default: any Modbus function code, or register or coil address, that is not on the "allowed" list is automatically blocked and reported The following options may be set on a per-connection basis: • Permitted Modbus function codes • Permitted register or coil address range • Permitted Modbus Unit IDs • Sanity check enable/disable • State tracking enable/disable • TCP Reset on blocked traffic (when utilizing TCP transport protocol) • Modbus exception reply on blocked traffic

Further Instructions

Product Documentation:	https://www.belden.com/products/by-brand/tofino-security
Software Download:	https://www.tofinosecurity.com/user/login

History

Update and Revision:	Revision Number: 0.35 Revision Date: 10-14-2025
----------------------	---

Variants

Item #	Type
942140001	TOFINO XENON ModbusTCP LSM

© 2025 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and

regulations based on their individual usage of the product.