

Tofino Xenon for Energy with DNP3 LSM (Loadable Security Module)

TofinoXe-0200T1T1TDDVY0023TATXX.X.XX



Product Description	
Type	TofinoXe-0200T1T1TDDVY0023TATXX.X.XX
Order Number	942103999-119
Availability	Available
Description	Tofino Xenon for Energy Layer 2 Transparent Firewall with TP ports extended temperature range, IEC 61850/IEC1613 and UL certification with software package including TC (Tofino Configurator), NC (NetConnect), FW (Firewall LSM with EL Event Logger), and DNP (Distributed Network Protocol) DNP3 enforcer LSM.
Port Type and Quantity	2 x 100BASE-TX
Additional Interfaces	
USB Interface	1 x USB socket to connect auto-configuration adapter ACA21-USB or approved USB storage device
Digital Input	1 x plug-in terminal block, 2-pin
Digital Output (Signaling Contact)	1 x max. 60 V DC or max. 30 V AC, SELV, max. 1A
Network Size	
Twisted Pair (TP)	0 to 100 m
Power Requirements	
Operating Voltage	12 to 48 V DC, 24 V AC redundant power supply
Power Consumption	5 W
Power Supply/Signaling Contact	1 x plug-in terminal block, 6-pin
Software	
Management	Tofino Configurator (TC) software
Diagnostics	LEDs (power, mode, fault, save/load, reset , link status), signal contact, syslog, configuration verify
Configuration	Network: Tofino Configurator uses secure communications to configure the Tofino Xenon security appliance. Manual: Encrypted configuration files may be saved on a USB storage device and loaded into the Tofino Xenon security appliance via a secure USB
Operating Modes	Test: All traffic is allowed and alerts are generated as per user rules Operational: Traffic is filtered and alerts are generated as per user rules
Firewall	Stateful layer 2, 3 and 4 filtering with optional deep packet inspection for SCADA protocols (depending on purchased LSMs)
System Requirements	Windows XP, Windows 7 (32- and 64-bit), or Windows Server 2003, 2008, or 2008 SR2.
Event Logging	Captured by a syslog server or locally into nonvolatile memory for later download via network or USB storage device
Preloaded Software Modules	FW: Firewall LSM (includes Event Logger, NC: NetConnect LSM, and DNP: DNP3 Enforcer LSM

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Ambient Conditions	
Operating Temperature	-40°C to +70°C
Storage/Transport Temperature	-40°C to +85°C
Relative Humidity (non-condensing)	10% to 95%
Conformal Coating	Yes (dependent on device variant)
Mechanical Construction	
Dimensions (WxHxD)	60 x 145 x 125 mm
Weight	660 g
Protection Class	IP20
Mounting	DIN Rail 35 mm
Approvals	
Declaration of Conformity	CE, FCC, EN 61131, EN 60950
Safety of Industrial Control Equipment	cUL508
Substation	IEC 61850, IEEE 1613
Reliability	
MTBF	74.5 years
Warranty	5 years (standard)