

# 3100-6GT-I

## Managed 6x 10/100/1000 RJ45 with LAN Bypass Industrial Firewall

### Description

The 3100-6GT-I protective equipment is Volktek's industrial control firewall specially designed for industrial control systems (ICS) and data acquisition and supervisory control systems (SCADA). It is suitable for automated factories, manufacturing plants, oil & gas, energy units (telecommunications, water plants), power plants), etc., can prevent different network environments from being attacked. The 3100-6GT-I is specially designed for extreme temperatures, humidity, dust, and vibration environments. It has a built-in hardware bypass function to prevent the equipment power supply or system itself from malfunctioning. Network traffic originally processed by the 3100-6GT-I It can still be transmitted, allowing enterprises to extend IT security to the OT environment.

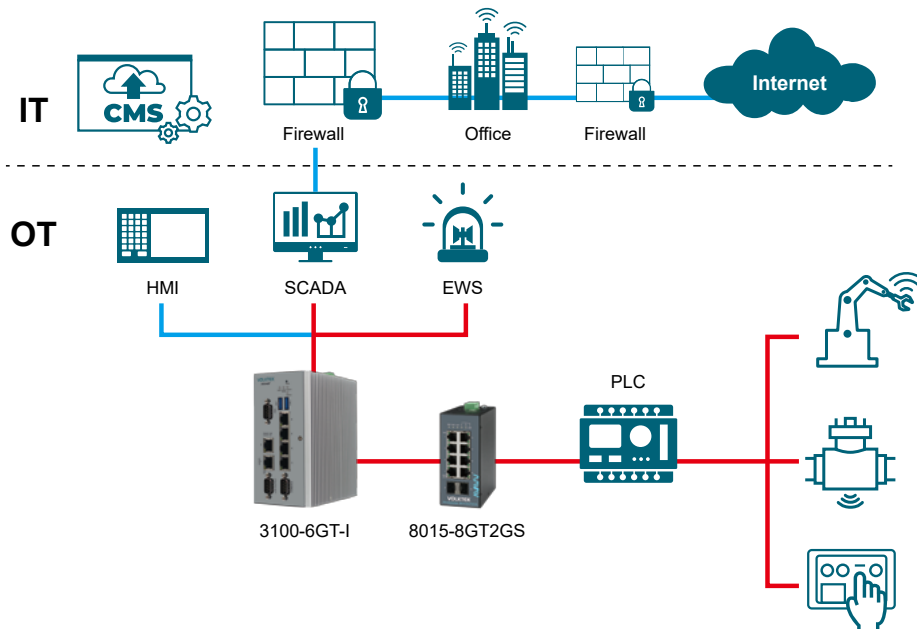
Volktek 3100-6GT-I integrates new deep packet inspection and filtering functions for network communication protocols commonly used in industrial control systems, such as Modbus, DNP3, IEC-61850, and Citrix, and enhances the capabilities of the SCADA environment where ICS systems are located. Detailed control and supervision can detect connection packets, and traffic, and isolate dangerous attacks.



### Features Highlight

- Physical and Virtual Isolation of Automation Network
- Monitor Automation and Execute Virus and Vulnerabilities
- Infection Control and Isolation
- Supported Industrial Protocols
- OPC Intrusion Prevention
- Authentication & Access Management
- Application Allowlisting
- VPN
- Dashboard
- Disaster Recovery
- Support USB
- Central Management (CMS and Cloud)

### Application





## Specifications

### Hardware Spec

Interface		
10/100/1000Base-T		6
Serial Console Port (RS232)		2
USB Port		2
ByPass Port (Pair)		1 (LAN 3&4)
LED Sign		PWR, SATA DOM, System, ByPass, LINK/ACT, 1000, 100
SATA DOM		64G SATA DOM (SLC)
Network Interface	Speed	Giga
	Fixed Port	1
	Custom Port	5
Performance		
Firewall Throughput		1.8 Gbps
VPN Throughput		200 Mbps (IPsec AES)
OPC Throughput		480 Mbps
Anti-Virus Throughput		350 Mbps
Max. Sessions		200,000
Mechanical and Environment		
Housing		Metal (IP30 Protection)
Operating Temperature		-40°C ~ 75°C (-40°F ~ 167°F)
Storage Temperature		-40°C ~ 85°C (-40°F ~ 185°F)
Operating Humidity		10%~80% (non-condensing)
Storage Humidity		10%~80% (non-condensing)
Weight		1,310 g (2.89 lb)
Mount Options		DIN Rail / Wall Mount
Dimension (W x H x D)		74.5 x 146 x 126 mm (2.93 x 5.75 x 4.96 in)
Power		
DC		9~36VDC
Certifications		
CE / FCC		

### Software Spec

Comprehensive Security Protection	
Gateway Firewall	O
Anti-virus	O (ClamAV)
IPS	O
IDP	O
IDS	O
WAF	O
Sandstorm	O
Flow Analysis	O
VPN (SSL / IPsec / PPTP)	O
Supported Protocols	Modbus, DNP3, IEC-104, EtherNet/IP, LanWorks, IEC-61850, BACNet, AXView2.0
Mail Security	
Multi Spam Filter	O
Spam Mail Learning Sharing	O
Mail Anti-virus	O
Mail Audit	O
Mail Log Searching	O





## Specifications

Authentication & Behavior Analysis	
Identity Recognition	<input type="checkbox"/>
Two-step Authentication	<input type="checkbox"/>
QoS	<input type="checkbox"/>
URL & APP Database	<input type="checkbox"/>
GEO IP	<input type="checkbox"/>
Offline Signature Update	<input type="checkbox"/>
Reliable Performance	
Co-defense Switch	<input type="checkbox"/>
SD WAN	<input type="checkbox"/>
Load balance	<input type="checkbox"/>
High Availability	<input type="checkbox"/>
Log	<input type="checkbox"/>
UPS	<input type="checkbox"/>
Central Management	
CMS	<input type="checkbox"/>
Dashboard	<input type="checkbox"/>

Note: \* Specifications subject to change without notice.

## Dimension

