The **Tofino™ Honeywell OneWireless™ Firewall** is a new and unique solution from Honeywell, MTL and Byres Security that addresses the important issue of protecting Industrial Networks from malicious or accidental disruptions.

**Instead of the standard, highly complex, “IT-style” firewall that requires highly-trained staff to install it, the Tofino™ device only requires a field technician to attach power and two network cables and then walk away.** The Tofino™ is preconfigured to filter bi-directional network traffic between the Experion control network and the OneWireless™ sensor data network, blocking any unnecessary traffic or threats.

**The system has the flexibility to protect** a small plant with a single PLC, or a multi-national organization with thousands of critical devices scattered around the globe. The Tofino™ security appliance is designed to sit between Honeywell’s Experion control and OneWireless™ networks, protecting them both from harmful traffic.

**The Tofino™ is a fully stateful firewall that ensures proper protection of a OneWireless™ network from viruses or hackers that may penetrate a system via laptops, USB storage devices and other means.**

**Configuration is not required** - the Tofino™ starts up ready to protect the OneWireless™ network. All Tofino™ devices are field-upgradeable via the secure USB upgrade process where files are both encrypted for confidentiality and signed for integrity.

**The Tofino™ will provide details on all network traffic conditions and anomalies to the Honeywell system, via standard Honeywell reporting features.**

**Redundant power supply inputs** enable the user to reduce the risk of power failure to the module.

**Industrially Hardened** - Tofino™ is designed for industrial environments having a 27 year MTBF, -40°C to + 70°C operating temperature ratings and Class 1/Div 2 (Zone 2) hazardous area approvals.

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**Key Features**:

- **industrial network protection**
- **simple installation**
- **10/100Mbs Ethernet**
- **preloaded OneWireless™ configuration**
- **field upgradable**
- **power supply redundancy**
- **Class 1/Div 2 and Zone 2 rated**
- **DIN-rail mounting**

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**Honeywell OneWireless™ Firewall**

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**EPS9211-ET-HN2**

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**Jul 2009**
**SPECIFICATIONS**

**Tofino™ Security Appliance**

<table>
<thead>
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<th>Honeywell Part No.</th>
<th>51150593-100</th>
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<tr>
<td>MTL Model No.</td>
<td>9211-ET-HN2</td>
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<tr>
<td>Description</td>
<td>Tofino™ Two Port Security Appliance</td>
</tr>
<tr>
<td>Protected Devices</td>
<td>Unlimited</td>
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</table>

**COMMUNICATIONS**

- **Ethernet Ports**
  - Two IEEE 802.3 BASE-T ports (auto sensing or manual)
  - 10 or 100Mbs, full or half-duplex
  - Auto Tx/Rx sensing

- **USB-2 Ports (Load updates/Save diagnostics)**
  - Two

**POWER (+ redundant power + power fail)**

- **Power Inputs**
  - Two (dual redundant)

**Operating Voltage**

- 24V nominal (9V – 32V)

**Current Consumption at 24 VDC**

- < 170mA typ.
- < 350mA max.

**Power Fail Inputs**

- Two

**Connections**

- Screw cage-clamp 24...12AWG, 0.2...2.5mm²

**SERVICE**

**Indicators**

- Power, Fault, Event, Mode
- Link Activity and Speed

**Config Switch**

- Load configuration from USB storage or
- Save log files to USB storage

**ENVIRONMENTAL**

**Temperature Specifications**

- Operating: –40°C to +70°C
- Storage/Transport: –40°C to +85°C

**Relative Humidity**

- 10% to 90% (non-condensing)

**MECHANICAL**

**Protection Class**

- IP 20

**Mounting**

- 35mm DIN rail or panel mounting

**Dimensions (W x H x D) mm**

- 146 x 138 x 42

**Weight**

- 0.36 kg

**Vibration and Shock**

- IEC 60068-2-6: 1g @ 20-500Hz
- IEC 60068-2-27: 30g for 11ms shock
- EN 61326: EMC Annex A Industrial Locations
- EN 61010-1

**Hazardous Area Approvals**

- Location of equipment
  - Safe area or see table in APPROVALS section

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**Tofino™ Preconfigured Firewall LSM for OneWireless™**

**Description**

- Tofino™ Stateful Firewall Module

**Type**

- Layer 2 Stateful Firewall

**Layers Filtered**

- Layers 2-3 with predefined OneWireless™ rules

**Throughput**

- 95.5 MBPS at 1500 Byte Frames

**Network Statistics**

- Automatic reporting of traffic statistics to Honeywell Experion stations

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The given data is only intended as a product description and should not be regarded as a legal warranty of properties or guarantee. In the interest of further technical developments, we reserve the right to make design changes.
## APPROVALS

For the latest certification information visit:  [http://www.mtl-inst.com/certs_1.nsf](http://www.mtl-inst.com/certs_1.nsf)

### 9211-ET-HN2 - Tofino™ Industrial Security Appliance

<table>
<thead>
<tr>
<th>Region</th>
<th>Europe</th>
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<th>Canada</th>
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Class 3611 2004  
Class 3610 2005 | CAN/CSA E60079-0 2002  
CAN/CSA E60079-15 2002  
C22.2 No. 1010-1 2004 |
| Approved for | II 3 G Ex nA nC IIC T4 | Non-incendive for Class I, Div. 2  
Grps A-D; Zone 2 AEx nC IIC T4  
Ta=70°C | Non-sparking for Class I, Div. 2  
Grps A-D; Zone 2 Ex nL IIC T4  
Ta=70°C |
| Certificate Numbers | MTL07ATEX9211X | 3029914 | 3029914C |