ABOUT WATCHGUARD
WatchGuard offers affordable, all-in-one network and content security solutions that provide defense-in-depth and help meet regulatory compliance requirements. The WatchGuard Firebox line combines firewall, VPN, GAV, IPS, spam blocking and URL filtering to protect your network from spam, viruses, malware, and intrusions. The new XCS line offers email and web content security combined with data loss prevention. WatchGuard extensible solutions scale to offer right-sized security ranging from small businesses to enterprises with 10,000+ employees. WatchGuard builds simple, reliable, and robust security appliances featuring fast implementation and comprehensive management and reporting tools. Enterprises throughout the world rely on our signature red boxes to maximize security without sacrificing efficiency and productivity.
For more information, please call 206.613.6600 or visit www.watchguard.com.
WatchGuard® Firebox security appliances deliver unparalleled unified threat management, superior performance, ease of use, and value for your small organization or branch office. Our security subscriptions give you fully integrated protection from spyware, spam, viruses, worms, trojans, web-based exploits, and blended threats. From firewall and VPN protection to secure remote access, WatchGuard Firebox appliances support a broad range of network environments.

This guide introduces the Firebox T70 a RoHS-compliant (lead-free) tabletop Firebox.

Fireware OS

The Firebox T70 supports WatchGuard's next generation OS—Fireware® OS. Each Firebox appliance includes Fireware OS and delivers exceptional protection against today's sophisticated threats to make sure that your business stays connected. For more information on the features of Fireware OS, see the current Fireware Help.
Package Contents

- Firebox T70 appliance
- *Quick Start Guide*
- 1 straight-through Ethernet cable
- Power supply
- 1 120W power adapter
- 1 power cord (US) or 4 power cords (US, AU, EU, UK)

Hardware Description

**Hardware Specifications**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Processor</td>
<td>Intel N3160</td>
</tr>
<tr>
<td>Memory: DDR3</td>
<td>2 GB</td>
</tr>
<tr>
<td>Storage: SSD</td>
<td>16 GB</td>
</tr>
</tbody>
</table>
| Power supply      | Input Ratings: 90-240VAC, MAX 1A@230VAC, 50-60Hz  
                  | Output Ratings : 54V, Max 120W |
| Dimensions        | D = 205.5 mm (8.07")  
                  | W = 233 mm (9.17")   
                  | H = 48 mm (1.89")    |
| Weight            | 1.49 kg ( 3.28 U.S. pounds) |

**Interface Specifications**

- **Network interfaces**
  - 8x 1000Base-TX, RJ45
  - Interfaces 6 and 7 support PoE (Power over Ethernet), compliant with the IEEE 802.3at standard

- **I/O interfaces**
  - 2 USB 2.0
  - 1 RJ45 Serial Port
Front View

The front panel of the Firebox T70.

Fail Over
The Fail Over indicator is lit when there is a WAN failover from the primary external interface to the backup interface. After the external interface connection fails back to the primary external interface, the indicator is not lit.

Network interface status indicators
The Firebox T70 has eight network interfaces. On the front panel, the network interfaces are labeled 7, 6, 5, 4, 3, 2, 1, 0. There are two status indicators for each interface.

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Indicator color</th>
<th>Interface Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000</td>
<td>Yellow</td>
<td>Link speed: 1000 Mbps</td>
</tr>
<tr>
<td></td>
<td>Blinks (speed of blink increases as the data flow increases)</td>
<td>Data sent and received</td>
</tr>
<tr>
<td>10/100</td>
<td>Green</td>
<td>Link speed: 10 Mbps or 100 Mbps</td>
</tr>
<tr>
<td></td>
<td>Blinks (speed of blink increases as the data flow increases)</td>
<td>Data sent and received</td>
</tr>
</tbody>
</table>

Status
The Status indicator is red when there is a management connection to the device. The Status indicator is lit for 30 seconds after you connect to the device with the Fireware Web UI or the command line interface. It is also lit when the device is polled by WatchGuard System Manager.

Mode
The Mode indicator shows the status of the external network connection. If the device can connect to the external network and send traffic, the indicator is green. The indicator flashes if the device cannot send traffic to the external network.

Attn
The Attn indicator is yellow when you start the device with the Reset button pressed. For more information, see “Restore Factory Default Settings” on page 9.

Power (ignon)
The power indicator is green when the device is powered on.
Rear View

Rear panel of the Firebox T70.

Serial port (Console)
The leftmost port is an RJ45 serial console port. An RJ45 serial cable is not included with the device.

USB interfaces
The device includes two USB interfaces. Connect a USB storage device for USB backup and restore, or to store a support snapshot. For more information, see the current Fireware Help.

Network interfaces
The Ethernet interfaces have standard RJ45 connectors and support link speeds of 10, 100, or 1000 Mbps. These interfaces are labeled 0/WAN, 1/LAN, 2, 3, 4, 5, 6-PoE, 7-PoE. Interfaces 6 and 7 are PoE (Power over Ethernet) interfaces, compliant with the IEEE 802.3at standard.

Reset button
To reset the device, use the procedure in “Restore Factory Default Settings” on page 9.

Power switch
Controls the power supplied to the device. Move the switch to position 1 to power on the device, or position 0 to power it off.

Power input
An AC power adapter is included with your device. Connect the AC adapter to the device and to a power source. The power supply tip is plus (+) polarity. Use only the supplied AC power adapter.
AC Power Adapter

The AC power adapter supplies power for the Firebox. A Firebox shipped outside the U.S. includes four power cables to connect to the AC power adapter. Use the correct power cable for the power source used in your country.

Environmental Requirements

To safely install your Firebox, we recommend that you:

- Install it indoors.
- Put it in a secure area, such as a locked room, to block the device from people who do not have permission to use it
- Connect it to a conditioned power supply to prevent damage from sudden power changes

Other environmental requirements:

- Ambient operating temperature: 0 – 40°C (32 – 104°F)
- Ambient storage temperature: -40 – 70°C (–40 – 158°F)
- Ambient operating relative humidity: 5% - 90% Non-condensing
- Ambient storage relative humidity: 5% – 90% Non-condensing
Safety Notices

All WatchGuard products are designed and tested to meet strict safety requirements. These requirements include product safety approvals and other global compliance standards. Read these instructions carefully before you operate the product, and refer to them as needed for continued safe operation of your product.

Product Safety Certification

The WatchGuard product is safety certified for these standards:

- UL 60950-1:2007 R10.14

Safety Warning

- Do not place objects on the power cord.
- Do not obstruct the ventilation openings. These openings prevent overheating of the Firebox.
- Never push objects of any kind into slots or openings on this equipment. If you make contact with a voltage point or short out a part, it can result in fire or electrical shock.
- When you remove or install an appliance, follow the general installation safety instructions provided in this Hardware Guide to avoid injury or damage to the device.
- You must disconnect the AC power cord from the Firebox before you remove the cover of the Firebox for any reason.
- There is risk of explosion if the battery is replaced by an incorrect type. Dispose of used batteries according to the manufacturer’s instructions.
- Connect the PoE interfaces only to PoE networks, without routing to the outside plant.
- The unit is for desktop use only.

Disclaimer

WatchGuard shall not be held liable if the end user alters, modifies, or repairs any WatchGuard hardware appliance.
Hinweise Zur Sicherheit


Die WatchGuard Produkt ist Sicherheit unter den folgenden Normen zertifiziert:
- UL 60950-1:2007 R10.14

Sicherheitshinweis

- Legen Sie keine Gegenstände auf das Netzkabel.
- Verdecken Sie nicht die Lüftungsoffnungen. Diese Öffnungen verhindern eine Überhitzung der Maschine.
- Stecken Sie niemals Gegenstände jeglicher Art in die Schlüsse oder Öffnungen des Geräts stecken. Der Kontakt mit einem spannungsführenden Punkt oder das Kurzschließen eines Bauteils kann zu einem Brand oder elektrischen Schlag führen.
- Beim Entfernen oder Installieren eines Gerätes, nach den allgemeinen Installation Sicherheitshinweise.
Aviso De Seguridad

Todos los productos WatchGuard están diseñados y probados para satisfacer estrictos requisitos de seguridad. Estos requisitos incluyen la homologación de productos de seguridad y otras normas de cumplimiento global. Por favor, lea atentamente las siguientes instrucciones antes de utilizar el producto, y se refieren a ellos como sea necesario para garantizar el funcionamiento seguro y continuo de su producto. Información adicional se puede encontrar en la Guía del usuario electrónica.

Certificación de seguridad del producto

El producto tiene certificación de seguridad WatchGuard bajo las siguientes normas:
- UL 60950-1:2007 R10.14

Advertencia de seguridad

- No coloque objetos sobre el cable de energía.
- No obstruya las aberturas de ventilación. Estas aberturas evitan el sobrecalentamiento de la máquina.
- Nunca introduzca objetos de ningún tipo en las ranuras o aberturas del equipo. El contacto de objetos extraños con puntos de voltaje o crear un cortocircuito de una pieza, podría provocar un incendio o una descarga eléctrica.
- Al extraer o instalar un equipo, siga las instrucciones generales de seguridad de instalación.
- Se debe desconectar el cable eléctrico de CA/AC del Firebox antes de quitar la tapa del Firebox por cualquier motivo.
- Existe riesgo de explosión si la batería se cambia por un tipo incorrecto de batería. Deseche las baterías usadas de acuerdo con las instrucciones del fabricante.
- Conecte las interfaces PoE sólo a redes PoE. Sin enrutamiento a la planta exterior.
- La unidad es para uso de escritorio solamente.
Restore Factory Default Settings

If you have a problem in your configuration file that you cannot correct, you can restore the factory default settings and start from a new configuration file. For example, if you do not know the administrator account passphrase, or if a power interruption causes damage to the Fireware OS, you can restore the Firebox to the factory default settings and build your configuration again.

To reset the Firebox to factory default settings:

1. Power off the Firebox.
2. Press and hold the Reset button on the back of the Firebox.
3. Power on the Firebox while you continue to hold the Reset button.
4. Continue to hold the Reset button until the Attn indicator on the front of the Firebox begins to flash.
5. Release the Reset button.
6. Wait until the Attn indicator stays lit and does not flash.
7. Power off the Firebox.
8. Power on the Firebox.

*The Firebox restarts with factory-default settings.*
Legal and Regulatory Information

Limited Hardware Warranty

This Limited Hardware Warranty (the “Warranty”) applies to the enclosed hardware product, not including any associated software, which is licensed pursuant to a separate end-user license agreement and warranty (the “Product”). BY USING THE PRODUCT, YOU (either an individual or a single entity) AGREE TO THE TERMS HEREOF. If you do not agree to these terms, please return this package, along with proof of purchase, to the authorized dealer from which you purchased it for a full refund. WatchGuard Technologies, Inc. (“WatchGuard”) and you agree as set forth below or on the reverse side of this card, as applicable:

1. LIMITED WARRANTY. WatchGuard warrants that upon delivery and for one (1) year thereafter (the “Warranty Period”):
   (a) the Product will be free from material defects in materials and workmanship, and (b) the Product, when properly installed and used for its intended purpose and in its intended operating environment, will perform substantially in accordance with WatchGuard applicable specifications.
   
   This warranty does not apply to any Product that has been: (i) altered, repaired or modified by any party other than WatchGuard except for the replacement or inclusion of specified components authorized in, and performed in strict accordance with, documentation provided by WatchGuard; or (ii) damaged or destroyed by force majeure events, accidents, power spikes or similar events, or by any intentional, reckless or negligent acts or omissions of any party. You may have additional warranties with respect to the Product from the manufacturers of Product components. However, you agree not to look to WatchGuard for, and hereby release WatchGuard from any liability for, performance of, enforcement of, or damages or other relief on account of, any such warranties or any breach thereof.

2. REMEDIES. If any Product does not comply with the WatchGuard warranties set forth in Section 1 above, WatchGuard will, following the receipt of the product you claim is defective and at its option, either (a) repair the Product, or (b) replace the Product with a like or similar product; provided, that you will be responsible for returning the Product and for all costs of shipping and handling. Repair or replacement of the Product shall not extend the Warranty Period. Any Product, component, part or other item replaced by WatchGuard becomes the property of WatchGuard. WatchGuard shall not be responsible for return of or damage to any software, firmware, information or data contained in, stored on, or integrated with any returned Products.

3. DISCLAIMER AND RELEASE. THE WARRANTIES, OBLIGATIONS AND LIABILITIES OF WATCHGUARD, AND YOUR REMEDIES, SET FORTH IN PARAGRAPHS 1 AND 2 ABOVE ARE EXCLUSIVE AND IN SUBSTITUTION FOR, AND YOU HEREBY WAIVE, DISCLAIM AND RELEASE ANY AND ALL OTHER WARRANTIES, OBLIGATIONS AND LIABILITIES OF WATCHGUARD AND ALL OTHER RIGHTS, CLAIMS AND REMEDIES YOU MAY HAVE AGAINST WATCHGUARD, EXPRESS OR IMPLIED, ARISING BY LAW OR OTHERWISE, WITH RESPECT TO ANY NONCONFORMANCE OR DEFECT IN THE PRODUCT (INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ANY IMPLIED WARRANTY ARISING FROM COURSE OF PERFORMANCE, COURSE OF DEALING, OR USAGE OF TRADE, ANY WARRANTY OF NONINFRINGEMENT, ANY WARRANTY OF UNINTERRUPTED OR ERROR-FREE OPERATION, ANY OBLIGATION, LIABILITY, RIGHT, CLAIM OR REMEDY IN TORT, WHETHER OR NOT ARISING FROM THE NEGLIGENCE (WHETHER ACTIVE, PASSIVE OR IMPUTED) OR FAULT OF WATCHGUARD OR FROM PRODUCT LIABILITY, STRICT LIABILITY OR OTHER THEORY, AND ANY
OBLIGATION, LIABILITY, RIGHT, CLAIM OR REMEDY FOR LOSS OR DAMAGE TO, OR CAUSED BY OR CONTRIBUTED TO BY, THE PRODUCT).

4. LIMITATION AND LIABILITY. WATCHGUARD’S LIABILITY (WHETHER ARISING IN CONTRACT (INCLUDING WARRANTY), TORT (INCLUDING ACTIVE, PASSIVE OR IMPUTED NEGLIGENCE AND STRICT LIABILITY AND FAULT) OR OTHER THEORY) WITH REGARD TO ANY PRODUCT WILL IN NO EVENT EXCEED THE PURCHASE PRICE PAID BY YOU FOR SUCH PRODUCT. THIS SHALL BE TRUE EVEN IN THE EVENT OF THE FAILURE OF ANY AGREED REMEDY. IN NO EVENT WILL WATCHGUARD BE LIABLE TO YOU OR ANY THIRD PARTY (WHETHER ARISING IN CONTRACT (INCLUDING WARRANTY), TORT (INCLUDING ACTIVE, PASSIVE OR IMPUTED NEGLIGENCE AND STRICT LIABILITY AND FAULT) OR OTHER THEORY) FOR COST OF COVER OR FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOSS OF PROFITS, BUSINESS, OR DATA) ARISING OUT OF OR IN CONNECTION WITH THIS WARRANTY OR THE USE OF OR INABILITY TO USE THE PRODUCT, EVEN IF WATCHGUARD HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THIS SHALL BE TRUE EVEN IN THE EVENT OF THE FAILURE OF ANY AGREED REMEDY.

5. MISCELLANEOUS PROVISIONS. This Warranty will be governed by the laws of the state of Washington, U.S.A., without reference to its choice of law rules. The provisions of the 1980 United Nations Convention on Contracts for the International Sales of Goods, as amended, shall not apply. You agree not to directly or indirectly transfer the Product or use of the product or associated documentation to any country to which such transfer would be prohibited by the U.S. Export laws and regulations. If any provision of this Warranty is found to be invalid or unenforceable, then the remainder shall have full force and effect and the invalid provision shall be modified or partially enforced to the maximum extent permitted by law to effectuate the purpose of this Warranty. This is the entire agreement between WatchGuard and you relating to the Product, and supersedes any prior purchase order, communications, advertising or representations concerning the Product AND BY USING THE PRODUCT YOU AGREE TO THESE TERMS. IF THE PRODUCT IS BEING USED BY AN ENTITY, THE INDIVIDUAL INDICATING AGREEMENT TO THESE TERMS BY USING THE PRODUCT REPRESENTS AND WARRANTS THAT (A) SUCH INDIVIDUAL IS DULY AUTHORIZED TO ACCEPT THE WARRANTY ON BEHALF OF THE ENTITY AND TO BIND THE ENTITY TO THE TERMS OF THIS WARRANTY; (B) THE ENTITY HAS THE FULL POWER, CORPORATE OR OTHERWISE, TO ENTER INTO THE WARRANTY AND PERFORM ITS OBLIGATIONS UNDER THE WARRANTY AND; (C) THE WARRANTY AND THE PERFORMANCE OF THE ENTITY’S OBLIGATIONS UNDER THE WARRANTY DO NOT VIOLATE ANY THIRD-PARTY AGREEMENT TO WHICH THE ENTITY IS A PARTY. No change or modification of the Warranty will be valid unless it is in writing and is signed by WatchGuard.
Declaration of Conformity

DECLARATION OF CONFORMITY

WatchGuard Technologies, Inc.
505 Fifth Ave. S., Suite 500
Seattle, WA 98104-3892 USA

WatchGuard Technologies Inc, hereby declares that the product(s) listed below conform to the European Union directives and standards identified in this declaration.

Product(s):
WatchGuard Models: Firebox T70
Hardware Model: WS7AE8

EU Directive(s):
- Low Voltage (2006/95/EC)
- Electromagnetic Compatibility (2004/108/EC)
- RoHS (2011/65/EU)
- WEEE Directive 2011/65/EU
- REACH EC 1907/2006

Standard(s):


Emission:
- FCC Part 15 Subpart B: 2014 Class A
- ICES-003: Issue 5: 2012 Class A
- CISPR 22: 2008 Class A
- VCCI V-3: 2015.04 Class A ITE
- AS/NZS CISPR 22: 2009+A1:2010 Class A
- EN 61000-3-2:2014
- EN 61000-3-3:2013

Immunity:
- EN 61000-4-2:2008
- EN 61000-4-4:2012
- EN 61000-4-5:2014
- EN 61000-4-6:2013
- EN 61000-4-8:2009
- EN 61000-4-11:2004

Signature:

Laurence Huang

Full Name: Laurence Huang
Position: Manufacturing Program Manager
Date: 3 July 2016
CE Notice

The CE symbol on your WatchGuard Technologies equipment indicates that it is in compliance with the Electromagnetic Compatibility (EMC) directive and the Low Voltage Directive (LVD) of the European Union (EU).

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

RoHS Statement

The member states of the European Union approved directive 2002/95/EC, Restrictions of Hazardous Substances ("RoHS directive") that became valid on July 1, 2006. It states that all new electrical and electronic equipment put on the market within the member states must not contain certain hazardous materials. The WatchGuard Firebox complies with the European Union’s ROHS directive 2002/95/EC and similar regulations that may be adopted by other countries for European Sales.
WEEE Statement

WEEE is a general set of requirements dictated in the EU Directive 2002/96/EC. This Directive mandated that member EU countries enact regulations governing the Waste of Electrical and Electronic Equipment (WEEE). The Directive, and its individual transpositions into specific country laws and legislation, is aimed at the reduction of WEEE through reuse, recovery, and recycling of WEEE.

WatchGuard is working in partnership with our European Union (EU) distribution partners to ensure that our products are in compliance with the WEEE statutes, and that the recovery of our product per the specific EU country legislative requirements is seamless for our product’s end users. If you have a WatchGuard product that is at its end of life and needs to be disposed of, please contact WatchGuard Customer Care Department at:

U.S. Customers: 877.232.3531
International Customers: +1.206.613.0456

WatchGuard is reasonably confident that our products do not contain any substances or hazardous materials presently banned by any legislation, and do not present a risk due to hazardous materials. WEEE recovery professionals should also note that these products do not have any materials that are of particular high value in their individual form.

REACH

The new EU chemicals policy REACH (Registration, Evaluation, Authorization and restriction of Chemicals) came into effect on June 1, 2007. REACH is Europe’s new chemicals legislation, which is applicable in all 27 EU Member States as well as the EFTA European Economic Area (EEA). REACH creates a new system for gathering information, assessing risks to human health and the environment, and authorizing or restricting the marketing and use of chemicals produced or supplied in the EEA. REACH has an impact on EEA producers and importers of finished products and users of chemicals in the course of industrial or professional activities.

WatchGuard supports the overall REACH objective of improving the protection of human health and the environment and will meet all applicable REACH requirements. WatchGuard is strongly committed to working with our customers and supply chain to define and implement the REACH requirements and ensure a smooth transition to compliance.

One of the REACH requirements is that manufacturers and importers have the duty to register substances they are producing or importing. In accordance with the regulations, the products of WatchGuard do not need to be registered for the following reasons:

- WatchGuard does not import more than 1 metric ton per year of a substance as defined by REACH.
- WatchGuard products are non-chemical products that are not designed to release any substance under normal and reasonably predictable application.
- Our products do not contain the listed substances at more than 0.1% by weight of the whole product/part.
Industry Canada Statement

This device complies with RSS-210 of the Industry Canada Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. CAN ICES-3(B)/NMB-3(B)

Ce dispositif est conforme à la norme CNR-210 d’Industrie Canada applicable aux appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Japan VCCI Notice (Class A ITE)

Japan VCCI Notice (Class A ITE)
This is a Class A product based on the standard of the Voluntary Control Council for Interference by information Technology Equipment (VCCI). If this equipment is used in a domestic environment, radio disturbance may arise. When such trouble occurs, the user may be required to take corrective a actions.

 Licensing

Some components of the WatchGuard System Manager software and Fireware OS are distributed with source code covered under one or more third party or open source licenses.

You can find full licensing information in the product documentation on the WatchGuard public web site at www.watchguard.com/help/documentation.

To get the source code covered by this license, contact WatchGuard Technical Support at:

United States or Canada: 877.232.3531
All other countries: +1.360.482.1083

You can download the source code at no charge. If you request the material be sent to you on CD-ROM, there is a $35 charge for administration and shipping.