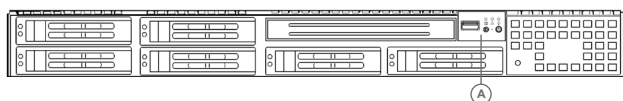


QUICK START GUIDE Defense Center 3500

DC3500

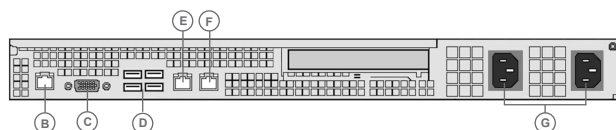


Front



(A) Front Panel Controls

Back



(B) Serial Port (C) VGA Port (D) USB Ports (E) Management Interface (F) Alternate eStreamer Interface (G) Power Supplies

Included items:

- Sourcefire DC3500
- two power cords
- one straight-through Cat 5e Ethernet cable
- rack-mounting kit

Required items:

- flathead and Phillips screwdrivers for the rack-mounting kit
- laptop or monitor and keyboard to connect directly to the Defense Center

Thank you for choosing Sourcefire.

Before installing this Defense Center, download and follow the instructions in the Sourcefire Support Welcome Kit (<https://support.sourcefire.com>) to get started with Sourcefire Support, and to set up your Customer Center account.



WARNING!

This Sourcefire Defense Center should be installed and maintained by qualified personnel only. Keep in mind the following safety information to avoid system damage or personal injury:

- Remove all factory packaging before using the Defense Center.
- Provide adequate ventilation to prevent overheating. Do not cover or block vents, or otherwise enclose the Defense Center.
- The Defense Center must be properly grounded when connecting power to the power outlet.
- At all times, keep the chassis area free from dust.
- Lifting the chassis for rack installation may require two people, as the unit is heavy.
- To avoid electrical shock, do not open or remove the chassis covers or metal parts without proper instruction.

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Installing the Defense Center

The Sourcefire 3D System is delivered on different hardware platforms that you can rack-mount. When you install a Defense Center, make sure that you can access the Defense Center's console for initial setup.

You can access the console for the first configuration of a new Defense Center using a keyboard and monitor with KVM, or using an Ethernet connection to the management interface.

Keyboard and Monitor/KVM

You can connect a USB keyboard and VGA monitor to any Sourcefire Defense Center, which is useful for rack-mounted Defense Centers connected to a keyboard, video, and mouse (KVM) switch.

IMPORTANT! Do not use a KVM switch with USB mass storage to access the Defense Center because the Defense Center may attempt to use the mass storage device as a boot device.

Ethernet Connection to Management Interface

Configure a local computer, which must not be connected to the internet, with the following network settings:

- **IP address:** 192.168.45.2
- **netmask:** 255.255.255.0
- **default gateway:** 192.168.45.1

Using an Ethernet cable, connect the network interface on the local computer to the management interface on the Defense Center. To interact with the Defense Center, use terminal emulation software such as HyperTerminal or XModem. The settings for this software are as follows:

- 9600 baud
- 8 data bits
- no parity checking
- 1 stop bit
- no flow control

Note that the management interface on a physical Sourcefire Defense Center is preconfigured with a default IPv4 address. However, you can reconfigure the management interface with an IPv6 address as part of the setup process.

Installation Procedure

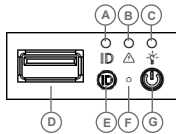
To install the Defense Center:

1. Mount the Defense Center in your rack using the mounting kit and its supplied instructions.
2. Connect to the Defense Center using either a keyboard and monitor or an Ethernet connection.
 - If you are using a keyboard and monitor to set up the Defense Center, use an Ethernet cable now to connect the management interface to a protected network segment.
 - If you plan to perform the initial setup process by connecting a computer directly to the Defense Center's physical management interface, you will connect the management interface to the protected network when you finish setup.
3. Attach the power cord to the Defense Center and plug into a power source.

If your Defense Center has redundant power supplies, attach power cords to both power supplies and plug them into separate power sources.
4. Turn on the Defense Center.
 - If you are using a keyboard and monitor to set up the Defense Center, continue with Configuring Network Setting Using a Script in the *Sourcefire 3D System Installation Guide*.
 - If you are using a direct Ethernet connection to set up the Defense Center, confirm that the link LED is on for both the network interface on the local computer and the management interface on the Defense Center. If the management interface and network interface LEDs are not lit, try using a crossover cable. For more information, see Cabling Inline Deployments on Copper Interfaces in the *Sourcefire 3D System Installation Guide*.
5. After you have configured network settings, make sure your Defense Center is connected to the protected management network with an Ethernet cable, and continue the initial setup with Initial Setup Page: Defense Centers in the *Sourcefire 3D System Installation Guide*.

LEDs

Front Panel and Front Panel LEDs



- A System ID LED
- B System status LED
- C Power LED
- D USB port
- E System ID button
- F Reset power button
- G Power button

LED	Color Indications
System status	<p>A green light indicates that the system is operating normally.</p> <p>A blinking green light indicates that the system is operating in a degraded condition.</p> <p>A blinking amber light indicates that the system is in a non-critical error condition.</p> <p>An amber light indicates that the system is in a critical or non-recoverable error condition.</p> <p>No light indicates POST/system stop.</p> <p>IMPORTANT!</p> <p>Amber status light takes precedence over green. When amber is on or blinking, green is off.</p>
Power	<p>A green light indicates there is power.</p> <p>No light indicates there is no power.</p>
Hard Drive Activity	<p>A blinking green light indicates that the fixed disk drive is active.</p> <p>An amber light indicates there is a fixed disk drive fault.</p> <p>No light indicates either there is no drive activity, or the system is powered off or sleeping.</p>
NIC Activity	<p>A blinking green light indicates there is activity.</p> <p>No light indicates there is no activity.</p>
System ID	When pressed, a blue light is on at the rear of the chassis to identify the system in a high-density rack.

Management Interface LEDs

LED	Description
Left (Link)	Indicates whether the link is up. If the LED is on, the link is up; if the LED is off, there is no link.
Right (Activity)	Indicates activity on the port. A blinking LED indicates activity; if the LED is off, there is no activity.

Hardware Specifications

Physical and Environmental Parameters

Parameter	Description
Form Factor	1U
Dimensions (D x W x H)	26.2 x 16.93 x 1.7 (in inches) / 66.5 x 43.0 x 4.3 (in centimeters)
Max Weight	38 lbs (17.2 kg)
Power Supply	<p>Dual 650 W redundant power supplies for 120 VAC</p> <p>8.5 Ampere max. at 110 Volts, 50/60 Hz</p> <p>4.2 Ampere max. at 220 volts, 50/60 Hz</p>
Operating Temperature	50°F to 95°F (10°C to 35°C)
Non-Operating Temperature	-40°F to +158°F (-40°C to +70°C)
Operating Humidity	5% to 85%
Non-Operating Humidity	90%, non-condensing at 82.4°F (28°C)
Acoustic Noise	<7.0 dBA (rack mount) in an idle state at typical office ambient temperature
Operating Shock	No errors with half a sine wave shock of 2G (with 11 millisecond duration)
Package Shock	Operational after 24" (61 cm) free fall; cosmetic damage may be present (chassis weight 40-80 lbs / 18-36 kg)
ESD	+/- 15KV (I/O port +/-8KV) per environment test specification
Air Flow	Front to back
System Cooling Requirements	2550 BTU/hour

Regulatory Conformance

This Sourcefire Defense Center conforms to multiple national and international standards. For a full list of regulatory compliance, see the *Sourcefire 3D System Installation Guide*.

Security Considerations

Before you install your Defense Center, Sourcefire recommends that you consider the following:

- Locate your Defense Center in a lockable rack within a secure location that prevents access by unauthorized personnel.
- Allow only trained and qualified personnel to install, replace, administer, or service the Defense Center.
- Always connect the management interface to a secure internal management network that is protected from unauthorized access.