

iPrism®

Hardware Guide

h-Series

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iPrismHW06.520.002

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Introduction

iPrism Web Security offers a combination of robust features designed to deliver protection from Internet-based threats such as malware, botnets, viruses, spyware, circumvention tools, unauthorized applications and inappropriate content, while helping enforce your acceptable use and security policies. Your new self-contained, integrated appliance is easy to deploy and manage and is preloaded with the iPrism software.

This guide describes your iPrism hardware.

Related iPrism Documentation

All documentation is available at:

http://www.edgewave.com/support/web_security/documentation.asp

Document	Description
Release Notes	Provides up-to-date information on the product, including new features, improvements, bug fixes, and any known issues. If instructions in the Release Notes differ from the Installation Guide or Administration Guide, use the instructions in the Release Notes.
Quick Setup Guide	Provides basic installation instructions.
Installation Guide	Provides detailed information on installation and initial configuration.
Administration Guide	Provides detailed configuration and maintenance information for the iPrism Administrator.
Reporting Guide	Explains iPrism report types, features, and delivery options.
Remote Filtering Client Guide	Provides detailed information on how to configure and set up the iPrism Remote Filtering Client.
Knowledgebase	Searchable and navigable articles provided by Technical Support.
iLearn video tutorials	http://www.edgewave.com/support/web_security/recorded_webinars_ilearn.asp

iPrism Technical Support

Phone and Email Support

Weekdays, 5:00 am - 5:00 pm Pacific Time

To contact Technical Support online, visit the following URL and fill out the iPrism Support Request Form:

http://www.edgewave.com/forms/support/web_security.asp

iPrism Phone Numbers

Tel: 1-858-676-5050

Fax: 1-858-676-5055

UK Customers

Tel: +44-20-33554107

EMEA and APAC Customers

Tel: 1-801-903-1751

Front Panel



Figure 1. iPrism Front Panel - Models 15h and 25h



Figure 2. iPrism Front Panel - Models 35h, 55h, and 105h

LEDs and Lights

The LEDs and lights on the iPrism control panel keep you informed of the system status. The following LEDs and lights are available on the h-Series:



UID: Unit identifier. Pressing the UID button illuminates an LED on both the front and rear of the appliance so you can locate the appliance in a large stack configuration. The LED remains on until the button is pushed a second time. Another UID button on the rear of the appliance serves the same function.



U: Universal Information LED (models 35h, 55h, and 105h). When this LED blinks red quickly, it indicates a fan failure; when blinking red slowly, it indicates a power failure. When on continuously, it indicates an overheat condition, which may be caused by cables obstructing the airflow in the system or the ambient room temperature being too warm. Check the routing of the cables and make sure all fans are present and operating normally. You should also check to verify that the appliance chassis covers are installed. Finally, verify that the heatsinks are installed properly (if you need assistance with this, contact Technical Support). This LED will remain on or flashing as long as the indicated condition exists.



NIC2:
Model 15h - Flashing indicates network activity on the external interface port.
Models 25h, 35h, 55h, and 105h - Unused.



NIC1:
Model 15h - Flashing indicates network activity on the internal interface port.
Models 25h, 35h, 55h, and 105h - Flashing indicates network activity on the management port.



HDD: Indicates IDE channel or SATA activity when flashing.



Power: Indicates power is being supplied to the system's power supply unit(s). This LED should normally be illuminated when the system is operating.



Reset: Reboots the system.



Important: Do not press the Reset button until you have shut down the iPrism from the **Exit > Shutdown** menu option. This cleanly terminates the current iPrism services and network connections and prepares iPrism to be powered down using this button.



Power Button: Used to apply or remove power from the power supply to the server system. Turning off system power with this button removes the main power but keeps standby power supplied to the system.



Important: Do not press the Power button until you have shut down the iPrism using the **Exit > Shutdown** menu option. This cleanly terminates the current iPrism services and network connections and prepares iPrism to be powered down using this button.

LCD Screen

The LCD screen is where you set up the initial configuration for models 35h, 55h, and 105h. It shows the current status and prompts for input when needed.

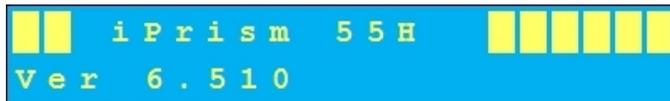


Figure 3. LCD Screen



Note: After 3 minutes of no input the LCD screens returns to this default state. Press the DOWN arrow to return to the previous display.

Rear Panel

Models 15h and 25h

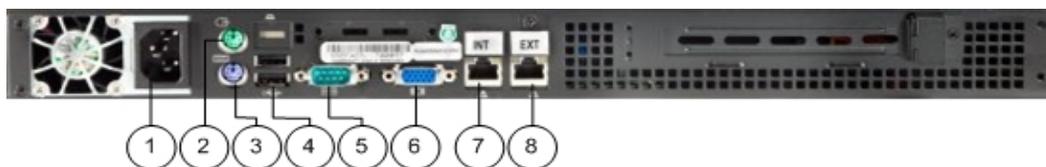


Figure 4. iPrism Rear Panel - Model 15h

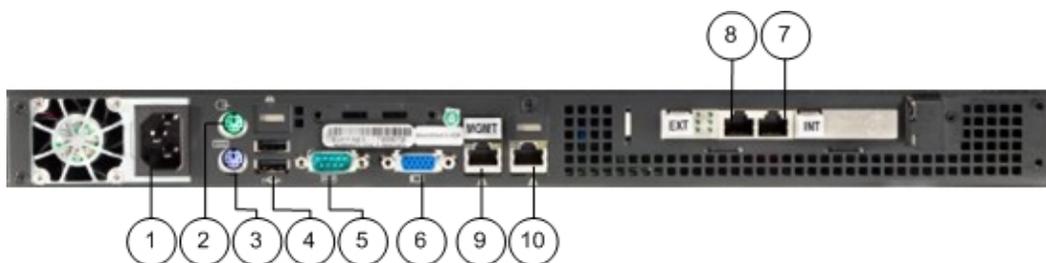


Figure 5. iPrism Rear Panel - Model 25h

1	Power connector	Connects power to iPrism (100 - 240 VAC auto-sensing).
2	Mouse port	Unused
3	Keyboard port	Unused
4	USB ports	Unused
5	Console port	Access to this port is only under the direction of EdgeWave Technical Support for a specific reason.
6	Video port	Unused
7	Internal interface	This port provides auto-sensing Ethernet connectivity to your internal network (the network that iPrism will be filtering).

8	External interface	This port provides auto-sensing Ethernet connectivity to your external network (Internet).
9	Management interface (LAN1)	This port provides a third auto-sensing 10/100/1000 Mbps Ethernet port that can be used for out-of-band management of the iPrism. Note: This is used for advanced configurations only. See the <i>iPrism Administration Guide</i> for more information.
10	Interface	Unused

Models 35h, 55h, and 105h

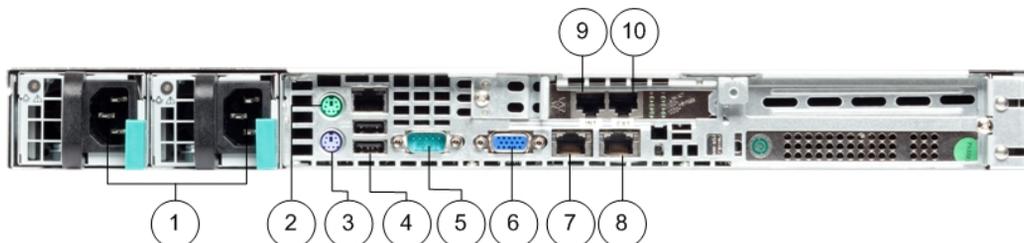


Figure 6. iPrism Rear Panel - Models 35h, 55h, and 105h

1	Power connectors	These connect power to iPrism (240 VAC auto-sensing).
2	Mouse port	Unused
3	Keyboard port	Unused
4	USB ports	Unused
5	Console port	Access to this port is only under the direction of EdgeWave Technical Support for a specific reason.
6	Video port	Unused

7	Management interface (LAN1)	This port provides a third auto-sensing 10/100/1000 Mbps Ethernet port that can be used for out-of-band management of the iPrism. Note: This is used for advanced configurations only. See the <i>iPrism Administration Guide</i> for more information.
8	Interface	Unused
9	Internal interface	This port provides auto-sensing Ethernet connectivity to your internal network (the network that iPrism will be filtering).
10	External interface	This port provides auto-sensing Ethernet connectivity to your external network (Internet).

Identifying the Cables

The cables shipped with your iPrism can be distinguished by holding one of the cables at each end so the connectors are oriented the same way. The color-coding of the wires in each connector indicates the type of cable:

- If the colors are in the same order, it is a standard Ethernet patch cable.
- If the colors are in a different order, it is a crossover cable. The crossover cable's package is marked as such.

Installing the iPrism h-Series

1. If you are installing the iPrism in a rack, attach the brackets from the enclosed rack mounting kit to the iPrism and mount it in a standard rack.

If you need help installing the iPrism in a rack or installing rails, see the Knowledgebase article "Installing iPrism on a Rack" at:

www.edgewave.com/support/web_security/help_6-4/IP0474.htm .

If you are installing the iPrism on a shelf or desktop, place it on the shelf and make sure that all of the ventilation holes on the side and back of the unit are clear.

2. Connect the power cable. Do not power the system on at this time.

3. Connect a network cable from the Internal interface of the iPrism to your internal network. If you are using DHCP for setup, do this in a location where DHCP is working. See [Rear Panel](#) to locate the Internal interface.
4. Leave the External interface unconnected. See the *iPrism Installation and Configuration Guide* for information on how and when to connect this interface.
5. Leave the Management interface unconnected. Later, if you desire to use a separate network for management information, you can connect this interface. See the *iPrism Administration Guide* for details.
6. Follow the instructions in the *iPrism Installation and Configuration Guide* for information on how to complete the installation process and configure your iPrism system.

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