P ▲ R ▲ D O X™

IP150 Internet Module

User Guide V1.3 - IP150-EU01
Printed in Canada 07/2013

Introduction

The IP150 Internet Module is an Internet communication module that enables you to control and monitor your security system through any web browser (e.g. Internet Explorer). The IP150 provides freedom to access your system and receive email notifications anywhere in the world.

IMPORTANT: The IP150 module should only be configured by the installer or a qualified network administrator. For more information on module configuration, consult the IP150 Reference and Installation Manual.

Connecting via the IP150 Internet Module

In order to connect to your IP150, you will need the following information:

- Paradox DNS Site ID: The DNS SiteID is set by your installer.
- Panel user code: This is the same code you enter on your keypad to arm the system.
- Module password: The default password is "paradox". To change your password, see "Change Password" in the Account Information Screen section.

To connect with your system from an external computer:

1. Open a web browser (e.g., Google Chrome).
2. In the address bar, enter http://www.paradoxmyhome.com/SiteID where "SiteID" is your Paradox SiteID (set by your installer).
3. Log in using your panel user code and module password (default = paradox).

Once you have established a connection for the first time, you are prompted to change your password from the default "paradox".

Troubleshooting

Symptoms	Solution(s)
No LEDs lit; no signs of operation	• Check cable connections • Check power status
IP150 cannot be accessed remotely	• Check spelling of access commands • Check IP and power status on unit
No reporting	• Verify panel troubles, panel programming, and/or receiver status

If the above information does not help remedy the problem, please contact your installer.

System Status Screen

The System Status screen displays important system information.
From the System Status screen, you can arm / disarm your system as well as monitor your system in real-time.

1 System Troubles

When a trouble occurs in the system, it is displayed at the top of the System Status screen.

Note: If there are no troubles in the system, the System Troubles box is not displayed.

2 Site Name

The site name uniquely identifies your system.

Note: By default, your site name is "Your Paradox System".
To change your site name, see "Account Information Screen" on page 2.

3 Account Information

For information on changing account information, see page 2.

4 Legend

The Legend gives you information on the icons shown in the Area Status display.

5 StayD

The StayD logo appears when StayD mode is enabled (Spectra SP and Magellan only).

6 Zone Status

The IP150 provides a real-time display of your zone status.

7 Area Status

The IP150 provides a real-time display of your area status.

8 Arm / Disarm

Click the 🔓 or 🔒 button and select the arm/disarm action you with to perform.

System Information Screen

The System Information screen contains important hardware and software information on both your security system, your IP150 module, and if a PCS module. The PCS module section is only visible if a PCS250/PCS050G module is detected.

Welcome, User 001
Change password | Logout

Main menu
- System Status
- ▶ System Information
- IP150 Configuration
- Receiver Configuration
- Email Configuration
- Account Configuration
- I/O Configuration
- Event Log

Legend
Area
- 🔒 Armed   🔊 In alarm
- 🔓 Disarmed

Zone
- ■ Open   ■ Close
- ■ Bypass   ■ Trouble
- ■ In alarm   ■ Memory

P A R A D O X

Panel
Type	SP 6000
Firmware version	4.90
Serial number	29 0A DA 9F

IP module
Firmware version	2.00.00
Hardware	993
ECO	-
Serial boot	N/A
IP boot	2.12
Serial number	71 00 0B 51

PCS module
Module presence	Detected
Firmware version	2.00.00
Serial number	7B 00 23 32

IP150 Configuration Screen

The IP150 Configuration screen allows you to configure your IP150 Internet Module's settings.

Welcome, User 001
Change password | Logout

Main menu
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P A R A D O X

① Module configuration
DHCP	● Yes ○ No
IP address	192 . 168 . 1 . 141
Subnet mask	255 . 255 . 255 . 0
Default gateway	192 . 168 . 1 . 1
DNS address	192 . 168 . 1 . 1
NEware port	10000
HTTP port	80
HTTPS	○ Yes ● No
HTTPS port	443
Language	English

Save

② ParadoxMyHome.com
Enable service	● Yes ○ No
Polling time	5 minute(s)

Save

① Module Configuration

If the IP150 is connected to a server using a static address, the DHCP protocol is not necessary. Click "No" and configure the IP150 manually.

② ParadoxMyHome.com

When ParadoxMyHome.com is enabled, the DNS service will contact your IP150 module to confirm its current IP address. With the polling time set to the default (5 minutes), if the IP150's IP address changes, communication will be lost for up to 5 minutes until the DNS server polls the IP150. Decreasing the polling time will result in increased communication between the IP150 and the Paradox DNS server.

Receiver Configuration Screen

The Receiver Configuration screen allows you to configure your module for IP reporting.

Welcome, User 001
Change password | Logout

Main menu
- System Status
- System Information
- IP150 Configuration
- ▶ Receiver Configuration
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- Account Configuration
- I/O Configuration
- Event Log

Legend
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P A R A D O X

① Receivers status
IP Receiver	IP150	PCS
1	Registered	Registered
2	Unregistered	Unregistered
Backup	Unregistered	Unregistered

② Domain name for IP reporting
IP Receiver 1
WAN 1	Enter Domain Name	0 / 32
WAN 2	Enter Domain Name	0 / 32

IP Receiver 2
WAN 1		0 / 32
WAN 2		0 / 32

IP Receiver Backup
WAN 1		0 / 32
WAN 2		0 / 32

Note: An IP address must be programmed into the IP reporting section of the control panel for the Domain Name field to be accessible and functional.

Save

① Receivers Status

IP150 and PCS module status information is displayed.

② Domain name for IP reporting

Enter a DNS with a DNS or DDNS provider (e.g., dyndns.com). Also, enter your DNS in the section WAN1, WAN2 (e.g., receiver.dyndns.com). An IP address must be programmed into the reporting section of the control panel for the Domain Name field to be accessible and functional.

Email Configuration Screen

It is not necessary to be logged in to be kept informed of changes in your system's status. By selecting Email Configuration from the Main Menu, you can configure the IP150 to send email notifications to up to 16 email addresses.

Welcome, User 001
Change password | Logout

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P A R A D O X

① Email configuration
Outgoing server (SMTP)	smtp.ISP.com
Port	25
	☑ Authentication required
Username	joesmith
Password	••••••••

Save

② Email account
Email selected	01 - joesmith@ISP.com

Address 01
Send to	joesmith@ISP.com ☑ Active

Select areas
- ☑ 1 - Area 1   ☐ 2 - Area 2

Select event groups
- ☑ Arm/Disarm   ☑ Troubles
- ☑ Alarms   ☐ Web access blocked
- ☐ IO1   ☐ IO2

Test   Save

① Email Configuration

SMTP Server information is usually provided by the Internet Service Provider.

A user name and password may be required in order for the IP150 to access the email server. This information can now be entered into the IP150's Email Configuration Screen.

To find your SMTP settings (e.g., in Outlook Express)

1. Click Tools ⇨ Accounts

2. Click the Mail tab ⇨ Select account

3. Click Properties ⇨ Servers tab

② Email Accounts

To add an email address:

1. Open the Email select drop-down box.

2. Select one of the 16 address locations.

3. Enter the email address in the "Send to" box.

4. Select the areas and events which will generate an email notification.

5. Click "Save".

Note: The first Email address (01) is used in the Email's "From" field.

Account Configuration Screen

The Account Configuration screen allows you to store the following information for quick reference:
Account Information
Alarm system installer information
Monitoring station information

Welcome, User 001
Change password | Logout

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P A R A D O X

② Account information
Site name	joesmith
Account number	
Installation date	

Save

System installer
Name	
Address	
City	
Postal code	
Phone number	
Distributor URL	

Save

Monitoring station
Name	
Address	
City	
Postal code	
Phone number	
ID number	

Save

① Change Password

It is highly suggested that you change your password from the default "paradox".

② Logout

For security reasons, it is important to logout when you have finished monitoring your system.

Note: As an added security feature, your P150 interface automatically logs out after it has been inactive for 5 minutes.

Additional Considerations

Annual verification of timing of an alarm and a fault message is required. ATS5 requirements is the arithmetic mean of all transmissions is less than or equal to 20 seconds and 95% of all transmissions are less than or equal to 30 seconds. Time is measure from the moment the message is reported on a local keypad to when the monitoring station receiver successfully receives the message. This can be accomplished by contacting the monitoring station and sending a test message and calculating the time from which the message appears on the local keypad and when the monitoring station receives the same message. As with traditional land-line reporting an acknowledgement (kiss-off) signal is used when the IP150 sends a valid message to a receiver that is typically used in a monitoring station. This acknowledgement is generated within 5 seconds. Discuss with your service provider the different options that are available for monitoring; for example, the frequency of supervision. The transmission of an alarm message may be negatively affected by a variety of factors. These may include disruptions in 3rd party services like internet access and GSM service. If after a set amount of transmission attempt are unsuccessful local and remote messages are generated. Standard set of commonly available hand tool are require to install equipment; no equipment adjustments are necessary. When configured as indicated the IP150 surpasses the ATS5 performance criteria set out in EN 50131-1.

The period from the time a fault develops in the alarm transmission system until the fault information is reported to the alarm receiving centre and/or monitoring centre shall not exceed 180 seconds for ATS 5 performance criteria as defined by EN 50131-1. This is achieved through settings in the Security Profile of each account at the receiver equipment. Refer to receiver instruction documentation for further information. As required per clause 7.5 of EN 50136-1-1, records of all faults and of all performance verifications carried out on the alarm transmission system shall be maintained. Requirements include the availability of these records for inspection, and availability analysis calculations based on these records. Consult the standard for more detailed information.