



IP150 Internet Module

Web Programming Guide V4.40 and higher



Introduction

The IP150 Internet Module is a multi-function Internet communication module that offers SWAN connectivity or static IP address connectivity. It is fully configurable from the integrated web interface. The IP150 provides freedom to access your system and receive push or email notifications (depending on configuration) from anywhere around the world.

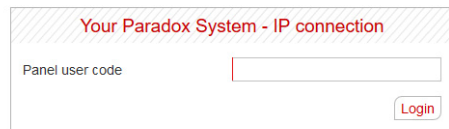
Connecting via IP150 Internet Module

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

- IP address and port
- Panel Master Code

To connect with your system from an external computer:

- 1) Open a web browser (e.g., Google Chrome).
- 2) In the address bar, enter IP address and Port number or open IP exploring tools and double-click on the IP device you wish to connect to.
- 3) Log in using your panel master code.



Receiver Configuration Screen

The Receiver Configuration Screen allows you to configure your module for IP Reporting through a DNS.

IP Receiver	IP150
1	Registered
2	Unregistered
3	Unregistered
4	Unregistered

- 1 **Receiver Status**
IP150 and PCS module status information is displayed.
- 2 **Domain Name for IP Reporting**
Enter a DNS with a DNS or DDNS provider. Also, enter your DNS in the section WAN1, WAN2. An IP address must be programmed into the reporting section of the control panel for the Domain Name field to be accessible and functional.

System Information Screen

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

Panel	
Type	EVOHD
Firmware version	7.11
Serial number	07 10 0C 0D

IP module	
Firmware version	4.42.02 About this version
Hardware	020
ECC	N009
Serial boot	N/A
IP boot	2.14
Serial number	71 02 2F 49

PCS module	
Module presence	Detected
Firmware version	4.00.10
Serial number	7B 13 F0 B9

I/O Configuration Screen

The I/O Configuration screen provides the I/O terminals that can be configured via the IP150 web page. Each I/O can be defined as either an Input or an Output. The I/O terminals can ONLY be defined from the IP150 web interface. They are independent from the panel and cannot be related to any panel event. An Output can only be triggered from within the IP150's web interface. Output or Input triggering can allow you to have email notifications sent to selected recipients.

When defined as an Input or Output, they can be configured as normally open or as normally closed. However, for the Output, a 12V source must be supplied. Outputs are rated at 50mA. The method of activation is either Toggle or Pulse. If set to Toggle, a Delay Before Activation can be defined. If set to Pulse, a Delay Before Activation and Duration can be defined. Refer to the installation manual for input and output connections.

IP150 Configuration Screen

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

- 1 **Module Configuration**
Through SWAN, access to your system, push notifications and emails is possible using the Insite Gold application. If the IP150 is connected to a server using a static IP address, the DHCP protocol is not necessary. Click "No" and configure the IP150 manually.

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, you can configure your IP150 to send email notifications to up to 16 email addresses.

The screenshot shows the 'Email configuration' screen with three main sections:

- Welcome, Master:** Logout, Main menu (Receiver Configuration, System Information, I/O Configuration, IP150 Configuration, Email Configuration, Event Log), and a status bar (P ▲ R ▲ D ○ X).
- Email configuration:** Outgoing server (SMTP), Port (25), Authentication required checkbox, Username, Password, and a Save button.
- Email account:** Address 01 section with a Send to field (checked Active), Select areas (1-4), and Select event groups (Arm/Disarm, Alarms, Web access blocked, IO1, Troubles, IO2). Includes Test and Save buttons.
- Site name:** Your Paradox System.

1 Email account

To add an Email address

1. Open the **Email selected** 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 Event groups which will generate an email notification.
5. Click **Save**.

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

Note: If "Web access blocked" is enabled after entering a user code incorrectly after five attempts, the web page will be blocked for 15 minutes.

Event Log

The Event Log screen allows you view the events that have occurred on your system.

The screenshot shows the 'Event log' screen with a legend and a table of events.

Reporting event legend:

- Success (Green square)
- Fail (Red square)
- Pending (Blue square)
- Cancel (Yellow square)
- Log panel non-saved events (checkbox)

Event Log Table:

Date	Event	Parameters
2019-07-18 10:14	Panel event	User code entered User 1: Master
2019-07-18 10:14	Panel event	Software login
2019-07-18 10:14	Panel event	IP module access through serial connection
2019-07-18 10:14	User login	User 1: Master
2019-07-18 09:50	Fail to communicate restored	Receiver 1: 207.134.105.183/10501
2019-07-18 09:50	Panel event	IP fail to com receiver restored Receiver 1 Module (71022F49)
2019-07-18 09:50	Radio transmitter disabled restored	Receiver 1: 207.134.105.183/10501
2019-07-18 09:50	Fail to communicate restored	Receiver 1: 207.134.105.183/10501
2019-07-18 09:50	Radio transmitter disabled	Receiver 1: 207.134.105.183/10501
2019-07-18 09:50	IP150 SWAN supervision restored	
0000-00-00 00:00	IP150 Receiver registration successful	Receiver 1
0000-00-00 00:00	Panel event	Missing IP module restored Module (71022F49)
0000-00-00 00:00	Internet link restored	
0000-00-00 00:00	Cable unplugged	
0000-00-00 00:00	IP150 power up	Version: 4.42.002
2019-07-18 09:48	IP150 firmware update request	Version: 4.42.002
2019-07-18 09:47	Successful download access	Receiver 1: 207.134.105.183/10501
2019-07-18 09:47	Panel event	Software logout
2019-07-18 09:47	Panel event	Software login
2019-07-18 09:47	Panel event	Software access through IP module
2019-07-18 09:46	Panel event	Software logout
2019-07-18 09:46	User logout	User 1: Master
2019-07-18 09:44	Panel event	User code entered User 1: Master
2019-07-18 09:44	Panel event	Software login
2019-07-18 09:44	Panel event	IP module access through serial connection
2019-07-18 09:44	User login	User 1: Master
2019-07-18 05:44	Internet link restored	
2019-07-18 05:43	Cable unplugged	
2019-07-18 05:43	Internet link lost	

Warranty

For complete warranty information on this product, please refer to the Limited Warranty Statement found on paradox.com/Terms or contact your local distributor. Specifications may change without prior notice.

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