

The following instructions explain how to configure your PCS300 Universal IP Reporting Module through a web browser connection using the PCS300 Web Interface page. For more information on how to install and connect the PCS300, please refer to the PCS300 Reference and Installation Manual.

PCS300 Web Page Configuration

From the PCS300 Web Interface page you will:

- Configure the PCS300
- Register the PCS300 to the IPR512 GPRS/IP Monitoring Receiver
- Define reporting sequences
- Configure inputs
- Set SMS notification
- Define additional configuration settings

Accessing the PCS300 Web Interface Page

In order to access the PCS300 Web Interface page, the PCS300 must be connected to the same network as the PC. Once the connection has been established, configuration settings for the PCS300 Universal IP Reporting Module can begin.

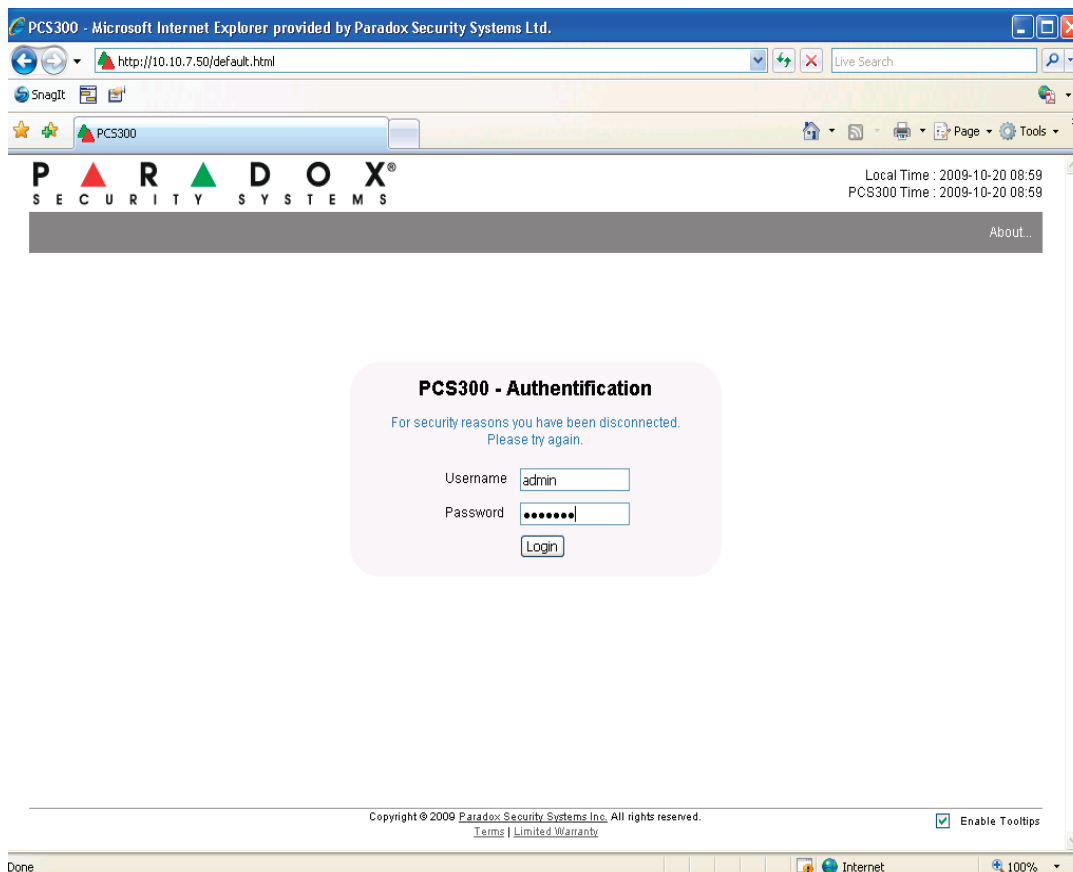
To Access the PCS300 Web Interface Page

- 1) Launch your web browser from a computer on the network connected to the PCS300's Ethernet port.
- 2) Enter the IP address of the PCS300 in the address bar of your web browser. Speak to your network administrator to obtain an IP address that will permit access to the PCS300 network.

Note: If you do not have access to the PCS300 network you can modify the address of the PCS300 Universal IP Reporting Module by using IP Exploring Tools.



- 3) Enter your Username. Default username is "admin".
- 4) Enter your Password. Default password is "paradox".
- 5) Click **Login**.



Name	Description
Username	Enter the username. The user name is used to log into the PCS300 Web Interface page. Default username is set to "admin".
Password	Enter the password. The password is used to log into the PCS300 Web Interface page. The password can be changed through the Other Setting menu option. Default password is set to "paradox".
Login	Press to access the PCS300 Web Interface page. Access will only be granted when a valid username and password combination has been entered.
Enable Tooltips	Defines whether tooltips (descriptions/field explanations) will be displayed when the cursor is positioned over a field.

After a successful login attempt, the PCS300 - Initial Setup window will be displayed. From this window select the language of preference (English or French) and modify the default username and password. The changes will be in affect the next time you log into the system. It is recommended, for security purposes, that the password be changed.

Note: The password field requires six characters or more.

PCS300 - Initial Setup

This is the first time that you log on to your PCS300 module. Please select a language and create your username and password that will be used next time you access this page.

Select Language English ▼

Username admin

New password (min. 6 characters)

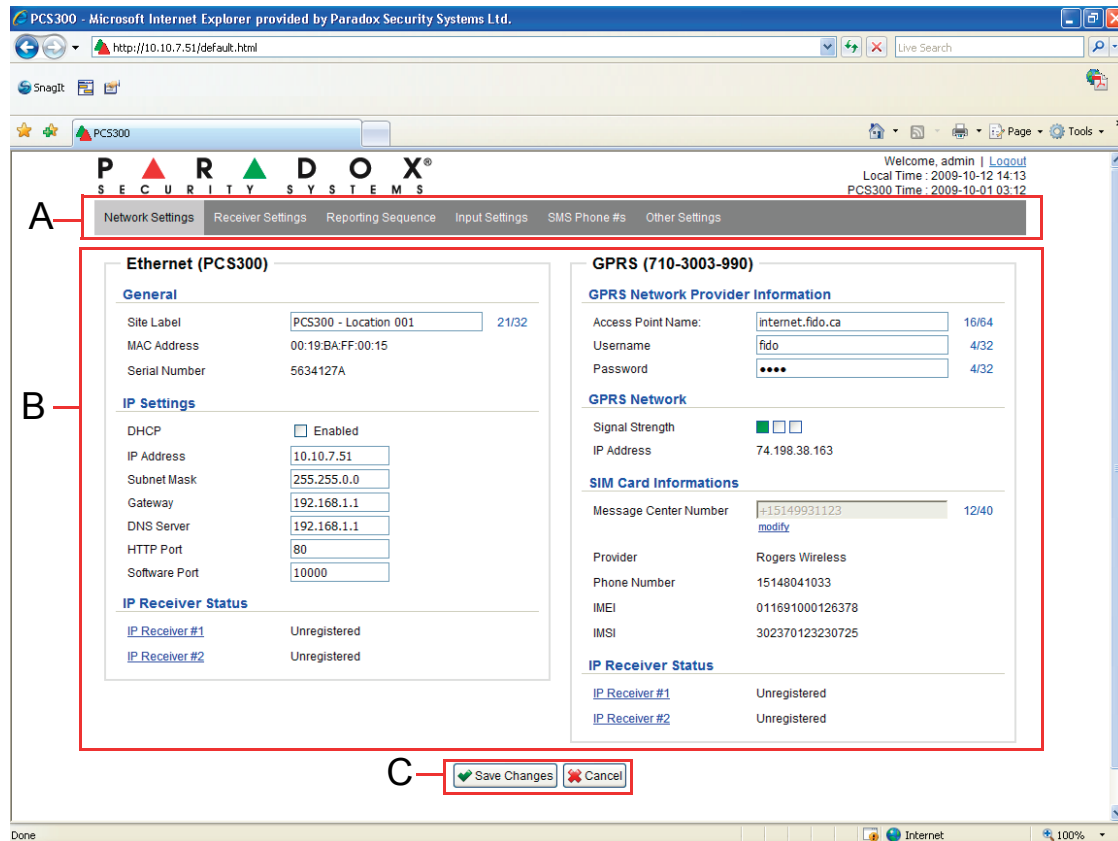
Confirm password (min. 6 characters)

Name	Description
Select Language	Enter the username. The user name is used to log into the PCS300 Web Interface page. Default username is set to "admin".
Username	Displays the username of the user that is currently logged into the PCS300 Web Interface page.
New Password	Enter the new password that will be used when logging into the PCS300 Web Interface page (password must be six characters or more). Maximum 16 characters.
Confirm Password	Re-enter the password to confirm change.
Apply	Applies the changes. Upon next login, the new password will take effect.

PCS300 Web Interface Page Overview

This section provides an overview of the PCS300 Web Interface page. The PCS300 Web Interface page allows you to configure the PCS300 Universal IP Reporting Module, define reporting sequences, SMS notification, and other configuration settings. The Main Menu, and Command buttons are always displayed on every menu.

Note: Once a change has been made, the change will be highlighted in yellow. You can then select the Save Changes or Cancel command buttons to perform the required action.



Item	Name	Description
A	Main Menu	Provides access to the following six menu options: <ul style="list-style-type: none"> • Network Settings - allows you to configure the PCS300 IP settings and view the IPR512 GPRS/IP Monitoring Receiver's Registration status. • Receiver Settings - allows you to define the IPR512 GPRS/IP Monitoring Receiver's configuration settings. • Reporting Sequence - allows you to configure the reporting sequences for the PCS300. • Input Settings - allows you to define inputs and input activation/deactivation messages for the PCS300. • SMS Phone #s - allows you to configure the telephone numbers that the PCS300 will send SMS text notifications to. • Other Settings - allows you to define date and time, Daylight Saving Time, web page access, and other advanced system settings.
B	Menu Display	Displays the contents of the selected menu option.
C	Command Buttons	Press to either save any changes or cancel any changes made to the page.

Network Settings Menu

The Network Settings Menu options allows you to configure the PCS300 for reporting. From this menu you can configure the settings for Ethernet or GPRS, and register the PCS300 to the IPR512 GPRS/IP Monitoring Receiver(s).

Note: If the GPRS Module is not implemented, the GPRS configuration settings will be disabled in the PCS300 Web Interface page.

Name	Description
ETHERNET - General	
Site Label	Defines the label set to identify the PCS300 Universal IP Reporting Module. This label will appear at the beginning of each text notification sent by the PCS300 Universal IP Reporting Module.
MAC Address	Displays the MAC address assigned to the PCS300 Universal IP Reporting Module.
Serial Number	Displays the serial number of the PCS300 Universal IP Reporting Module.
Landline Supervision	Enable this option if the PCS300 Universal IP Reporting Module is not connected to a landline.
IP Settings	
DHCP - Enabled	Defines whether Dynamic Host Configuration Protocol (DHCP) is used for assigning dynamic IP addresses. If DHCP is enabled, the PCS300 will be assigned a different dynamic IP address each time it connects to the network. If DHCP is disabled, the IP address must be assigned manually.
IP Address	Defines the IP address assigned to the PCS300 Universal IP Reporting Module.
Subnet Mask	Defines the mask used to determine what subnet the PCS300's IP address belongs to.
Gateway	Defines the gateway address assigned to the network for communication with other computers or networks.
DNS Server	Defines the DNS server's IP address for translating domain names into IP addresses.
HTTP Port	Defines the TCP port number. The port numbers can be between 0 to 65535. Default port number is set to 80.
Software Port	Defines the TCP port number used for updating the PCS300 Universal IP Reporting Module. The port numbers can be between 0 to 65535. Default port number is 10000.

Name	Description
IP Receiver Status	
IP Receiver #1	Displays whether the PCS300 has been registered to the IPR512 GPRS/IP Monitoring Receiver.
IP Receiver #2	Displays whether the PCS300 has been registered to a second IPR512 GPRS/IP Monitoring Receiver.
GPRS - GPRS Network Provider Information	
Access Point Name	Defines the web address of an access point for GPRS data connection.
Username	Defines the username used to connect to the access point.
Password	Defines the password used to connect to the access point.
GPRS Network	
Signal Strength	Indicates the signal strength of the PCS300 Universal IP Reporting Module.
IP Address	Defines the IP address assigned to the PCS300 GPRS Module.
SIM Card Information	
Message Center Number	Defines the SMS Message Center Number that acts as a gateway for transferring SMS text messages.
Provider	Displays the name of the service provider.
Phone Number	Displays the telephone number of the SIM card.
IMEI	Displays the International Mobile Equipment Identity number of the SIM card.
IMSI	Displays the SIM cards International Mobile Subscriber Identify used to identify the subscriber to the system.
IP Receiver Status	
IP Receiver #1	Displays whether the PCS300 has been registered to the IPR512 GPRS/IP Monitoring Receiver.
IP Receiver #2	Displays whether the PCS300 has been registered to a second IPR512 GPRS/IP Monitoring Receiver.

Receiver Settings Menu

The Receiver Settings Menu options allows you to define the settings for the IPR512 GPRS/IP Monitoring Receiver. From this menu, you can define the connection settings for communication between the PCS300 Universal IP Reporting Module and the IPR512 GPRS/IP Monitoring Receiver and set the reporting method to use (IP Reporting/GPRS Reporting).

Note: If the GPRS Module is not implemented, the GPRS configuration settings will be disabled in the PCS300 Web Interface page.

The screenshot displays the 'Receiver Settings' menu in a web browser. It features two side-by-side configuration panels for 'IP Receiver #1' and 'IP Receiver #2'. Each panel includes:

- IP Receiver Configuration:** Fields for WAN1 IP Address, WAN1 Port, WAN2 IP Address, WAN2 Port, and Register Password.
- IP Reporting:** A checkbox for 'IP Reporting' (checked), an 'IP Account Number' field, and an 'IP Security Profile ID' field with a 'Register...' button.
- GPRS Reporting:** A checkbox for 'GPRS Reporting' (unchecked), a 'GPRS Account Number' field, and a 'GPRS Security Profile ID' field with a 'Register...' button.

At the bottom of the interface are 'Save Changes' and 'Cancel' buttons, along with a copyright notice for Paradox Security Systems, Inc. and an 'Enable Tooltips' checkbox.

Name	Description
IP Receiver Configuration	
WAN1 IP Address*	Defines the WAN1 IP address of the IPR512 GPRS/IP Monitoring Receiver.
WAN1 UDP Port*	Defines the WAN1 UDP port used by the IPR512 GPRS/IP Monitoring Receiver.
WAN2 IP Address*	Defines the WAN2 IP address of the IPR512 GPRS/IP Monitoring Receiver.
WAN2 UDP Port*	Defines the WAN2 UDP port used by the IPR512 GPRS/IP Monitoring Receiver.
Register Password	Defines the IPR512 GPRS/IP Monitoring Receiver's password that is used to encrypt the PCS300 Universal IP Reporting Modules registration process. Maximum 32-characters.
IP Reporting	
IP Reporting - Enabled	Defines whether IP reporting will be used.
IP Account Number	Defines account number. The account number is used to register the PCS300 Universal IP Reporting Module to the IPR512 GPRS/IP Monitoring Receiver.
IP Security Profile ID	Defines the Security Profile ID that the PCS300 Universal IP Reporting Module belongs to. The security profiles indicate how frequently the monitoring station is polled by the PCS300 Universal IP Reporting Module.
Register	Press to register the PCS300 Universal IP Reporting Module to the IPR512 GPRS/IP Monitoring Receiver.

Name	Description
IP Receiver Configuration	
GPRS Reporting	
GPRS Reporting - Enabled	Defines whether GPRS reporting will be used. The GPRS Module is required for GPRS reporting.
GPRS Account Number	Defines account number. The account number is used to register the PCS300 Universal IP Reporting Module to the IPR512 GPRS/IP Monitoring Receiver.
GPRS Security Profile ID	Defines the Security Profile ID that the PCS300 Universal IP Reporting Module belongs to. The security profiles indicate how frequently the monitoring station is polled by the PCS300 Universal IP Reporting Module.
Register	Press to register the PCS300 Universal IP Reporting Module to the IPR512 GPRS/IP Monitoring Receiver. A new window will be appear displaying the Registration progress.
<p><i>Note: The name & descriptions provided apply for the both the IP Receiver #1 and IP Receiver #2 section of the page.</i></p> <p><i>* The IPR512 GPRS/IP Monitoring Receiver provides two Ethernet ports for Internet Service Providers (ISP) redundancy.</i></p>	

Reporting Sequence Menu

The Reporting Sequence Menu options allows you to configure the reporting sequence used by the PCS300 Universal IP Reporting Module. From this menu, you can define the primary method of reporting and the number of failed attempts. Once the number of failed attempts is reached the PCS300 Universal IP Reporting Module will switch to the backup reporting method if defined. Up to two additional backup reporting methods can be configured.

The screenshot shows the PCS300 web interface for configuring reporting sequences. The browser address bar shows 'http://10.10.7.50/default.html'. The page title is 'PCS300 - Microsoft Internet Explorer provided by Paradox Security Systems Ltd.'. The navigation menu includes 'Network Settings', 'Receiver Settings', 'Reporting Sequence', 'Input Settings', 'SMS Phone #s', and 'Other Settings'. The 'Reporting Sequence' section is active, showing two configurations: 'Reporting Sequence #1' and 'Reporting Sequence #2'. Each configuration has a 'Trigger' section with a 'Telephone Number' field and a 'Channels Sequence' section with 'Primary', 'Backup #1', and 'Backup #2' options, each with a dropdown menu and a '# of failed attempts' field. The 'Save Changes' and 'Cancel' buttons are at the bottom.

Name	Description
Trigger	
Telephone Number	Defines the telephone number that will trigger the PCS300 Universal IP Reporting Module to start reporting.
Channel Sequence - Primary	
Channels Sequence	Defines the primary method of reporting. Up to 5 different types of reporting methods are available, they include: Landline, Receiver1-IP, Receiver1-GPRS, Receiver2-IP, and Receiver2-GPRS.
# of Failed Attempts	Defines the number of failed attempts to be reached before switching to the Backup#1 reporting method.
Backup #1	
Channels Sequence	Defines the first backup reporting method to be used after the # of failed attempts has been reached from the primary reporting method. If a backup reporting method will not be used, select None.
# of Failed Attempts	Defines the number of failed attempts to be reached before switching to the Backup#2 reporting method.
Backup #2	
Channels Sequence	Defines the second backup reporting method to be used after the # of failed attempts has been reached from the first backup reporting method. If a backup reporting method will not be used, select None.
# of Failed Attempts	Defines the number of failed attempts to be reached before switching to the Primary reporting method.
<i>Note: The name & descriptions provided apply for the both the Reporting Sequence #1 and Reporting Sequence #2 section of the page.</i>	

Input Settings Menu

The Input Settings Menu options provides the configuration for the PCS300 Universal IP Reporting Module's inputs. Up to two inputs can be configured for additional reporting. There are three different input modes, they include:

- Standard
- Steady/Pulse
- Immediate Takeover

Standard

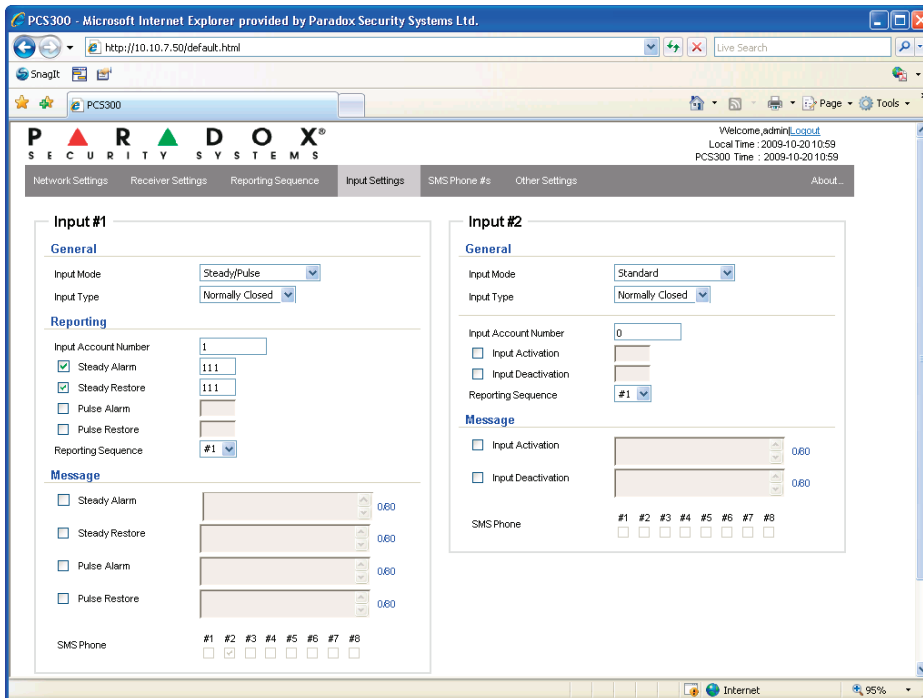
When the Standard option is selected, the PCS300 Universal IP Reporting Module will begin reporting when the input type is activated. If configured, the PCS300 Universal IP Reporting Module will also send SMS text notifications (with GPRS reporting).

The screenshot shows the PCS300 web interface in Microsoft Internet Explorer. The browser address bar shows 'http://10.10.7.50/default.html'. The page title is 'PCS300'. The navigation menu includes 'Network Settings', 'Receiver Settings', 'Reporting Sequence', 'Input Settings', 'SMS Phone #s', and 'Other Settings'. The 'Input Settings' menu is active, showing configuration for 'Input #1' and 'Input #2'. Each input has a 'General' section with 'Input Mode' (Standard) and 'Input Type' (Normally Closed). The 'Reporting' section includes 'Input Account Number' (0), 'Input Activation' (checked, 101), 'Input Deactivation' (unchecked), and 'Reporting Sequence' (#1). The 'Message' section includes 'Input Activation' (checked, 'Input 1 has been activated', 26 /80) and 'Input Deactivation' (checked, 'Input 2 is now deactivated', 26 /80). The 'SMS Phone' section has checkboxes for #1 through #8, with #1 checked. 'Save Changes' and 'Cancel' buttons are at the bottom.

Name	Description
General	
Input Mode	Standard
Input Type	<ul style="list-style-type: none"> • Normally Open - when the loop connection between the input and the ground is open, the input is deactivated. When the loop is closed, the input is activated. • Normally Closed - when the loop connection between the input and the ground is closed, the input is deactivated. When the loop opens the input is activated.
Reporting	
Input Account Number	Defines the account number used when reporting a CID code. The same account number that is programmed panel can be used.
Input Activation	Defines the CID code to report during an input activation.
Input Deactivation	Defines the CID code to report during an input deactivation.
Reporting Sequence	Defines the reporting sequence as defined in the Reporting Sequence menu.
Message	
Input Activation	Defines the text message that the PCS300 Universal IP Reporting Module will send to the configured recipients upon an input activation.
Input Deactivation	Defines the text message that the PCS300 Universal IP Reporting Module will send to the configured recipients upon an input deactivation.
SMS Phone	Will send an SMS text notification to the configured telephone numbers defined in the SMS Phone #s menu.
<i>Note: The name & descriptions provided apply for the both the Input #1 and Input #2 section of the page.</i>	

Steady/Pulse

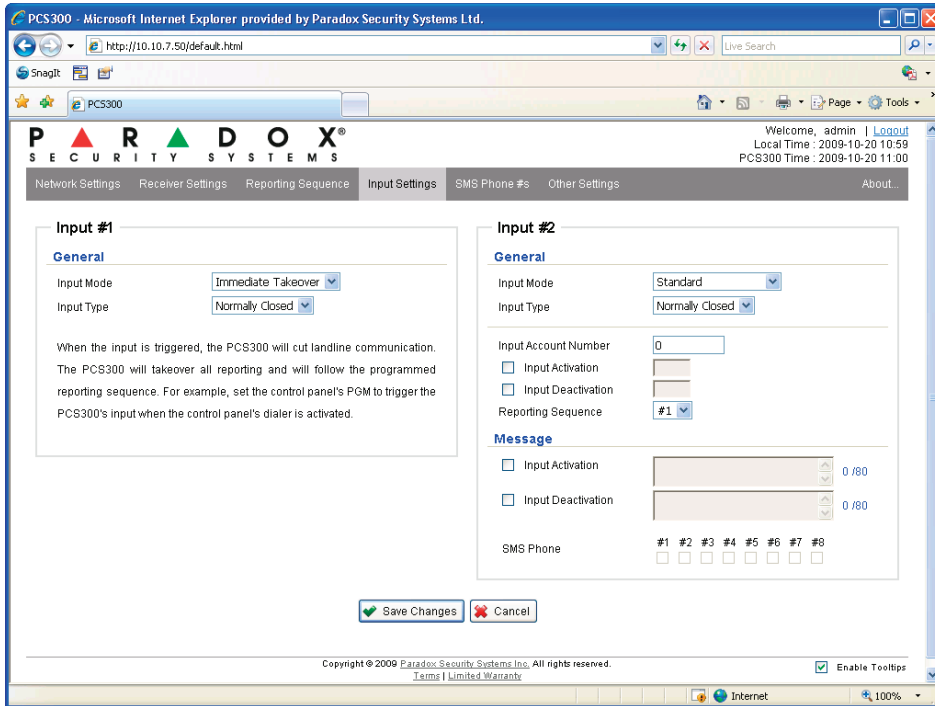
When the Steady/Pulse option is selected, the PCS300 Universal IP Reporting Module will begin reporting the inputs that have been configured when a steady alarm/restore or pulse alarm/restore is activated. If configured, the PCS300 Universal IP Reporting Module will also send SMS text notifications (with GPRS reporting).



Name	Description
General	
Input Mode	Steady/Pulse
Input Type	<ul style="list-style-type: none"> Normally Open - when the loop connection between the input and the ground is open, the input is deactivated. When the loop is closed, the input is activated. Normally Closed - when the loop connection between the input and the ground is closed, the input is deactivated. When the loop opens the input is activated.
Reporting	
Input Account Number	Defines the account number used when reporting a CID code. The same account number that is programmed panel can be used.
Steady Alarm	Defines the CID code to report when a steady input is detected.
Steady Restore	Defines the CID code to report when the steady input is restored.
Pulse Alarm	Defines the CID code to report when a pulse input is detected.
Pulse Restore	Defines the CID code to report when the pulse input is restored.
Reporting Sequence	Defines the reporting sequence as defined in the Reporting Sequence menu.
Message	
Steady Alarm	Defines the SMS text message that the PCS300 Universal IP Reporting Module will send to the configured SMS telephone numbers upon a steady alarm.
Steady Restore	Defines the SMS text message that the PCS300 Universal IP Reporting Module will send to the configured SMS telephone numbers upon a steady restore.
Pulse Alarm	Defines the SMS text message that the PCS300 Universal IP Reporting Module will send to the configured SMS telephone numbers upon a pulse alarm.
Pulse Restore	Defines the SMS text message that the PCS300 Universal IP Reporting Module will send to the configured SMS telephone numbers upon a pulse restore.
SMS Phone	Will send an SMS text notification to the configured telephone numbers defined in the SMS Phone #s menu.
<i>Note: The name & descriptions provided apply for the both the Input #1 and Input #2 section of the page.</i>	

Immediate Takeover

When the Immediate Takeover option is selected, the PCS300 will cut landline communication when an input is triggered and will take over all reporting as defined in the Reporting Sequence menu.



Name	Description
General	
Input Mode	Immediate Takeover
Input Type	<ul style="list-style-type: none"> Normally Open - when the loop connection between the input and the ground is open, the input is deactivated. When the loop is closed, the input is activated. Normally Closed - when the loop connection between the input and the ground is closed, the input is deactivated. When the loop opens the input is activated.

SMS Phone #s Menu

The SMS Phone #s Menu options provides the configuration for the telephone numbers that the PCS300 will use when sending an SMS text notifications. To define the SMS text messages for notification and to configure the destination of the message refer to the Input Settings Menu, on page 9.

Note: This menu option is only available with the GPRS Module.

Once a phone number has been configured, as well as the SMS text message set in the Input Setting Menu, a test can be run to ensure that the notification is being received.

To Run an SMS Test

- 1) Enter in the telephone number for SMS notification.
- 2) Enter in a description; this field is optional.
- 3) Click the **Test** button. The system will then display a message. Verify your mailbox to ensure that the SMS text notification was received.

The screenshot shows the 'SMS Telephone Number List' configuration page in a web browser. The page title is 'SMS Telephone Number List'. Below the title, there is a note: 'The system can send SMS text notifications to the phone numbers set below. See Input Settings for information on how to assign these phone numbers.' The main content is a table with 8 rows. The first row is pre-filled with '333.333.3333' in the 'Phone Number' column and 'Notification Tel. Number 1' in the 'Description' column. The other rows are empty. Below the table, there is a 'NOTE: The Site Label set in the Network Settings tab will appear at the beginning of every SMS text message that is sent from the system.' At the bottom of the form, there are two buttons: 'Save Changes' and 'Cancel'.

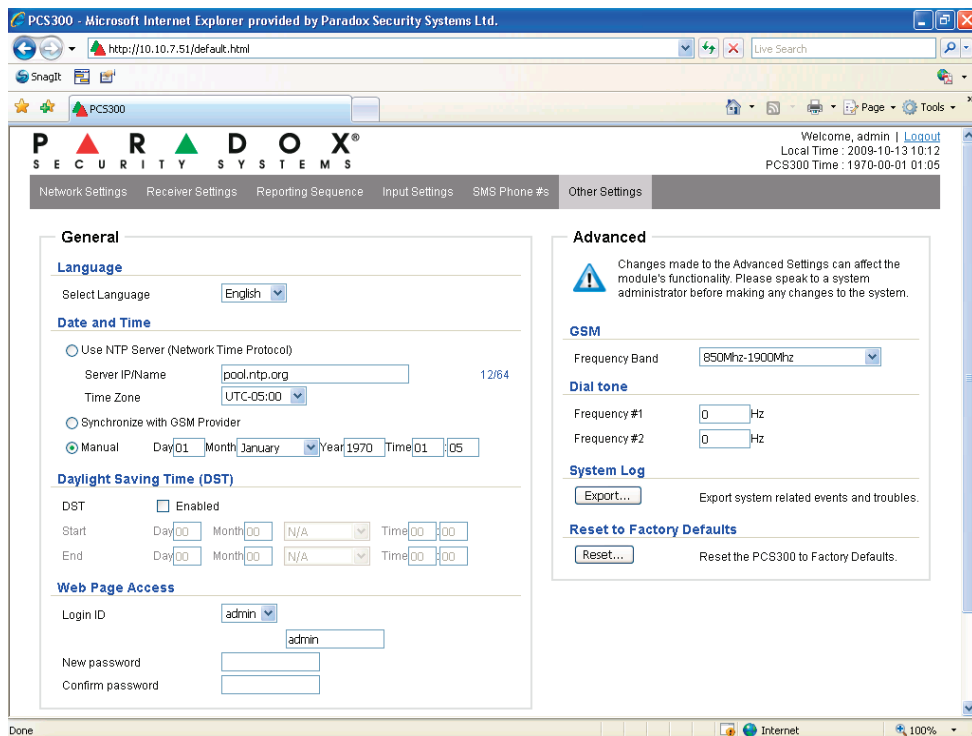
Phone Number	Description
#1 333.333.3333	Notification Tel. Number 1
#2	
#3	
#4	
#5	
#6	
#7	
#8	

Name	Description
Telephone Number	Defines the telephone number that the PCS300 Universal IP Reporting will use when sending an SMS text notification. Maximum 40 characters.
Description	Defines a description for the telephone numbers that have been entered. Maximum 32 characters.

Note: The Site Label set in the Network Settings tab will appear at the beginning of every SMS text message that is sent from the system.

Other Settings Menu

The Other Settings Menu options provides the configuration settings for PCS300 Universal IP Reporting Module. From this menu, SMS text notification language can be defined, as well as clock synchronization, DST, and the capability of changing the login password. Advanced settings can also be configured. Before making any changes to the advanced settings, speak to your network administrator as these changes can affect the functionality of the system.



Name	Description
General - Language	
Select Language	Defines the language used for the web interface. Note: Some languages are currently not supported. For the latest languages, refer to paradox.com.
Date and Time	
Use NTP Server	Defines if an NTP server will be used for clock synchronization.
Server IP/Name	Defines the NTP server name.
Time Zone	Defines the time zone used at the location of the of the PCS300 Universal IP Reporting Module. It is important to select the proper time zone to ensure date and times are properly reflected.
Synchronize with GSM Provider	Defines if the clock synchronization will be retrieved from the GSM provider.
Manual	Defines whether date and time information will be configured manually. If configuring the date and time manually, define the day (DD), month, year (YYYY), and time (HH:MM), 24-hour time format, to ensure that date and times are properly reflected.
Daylight Saving Time (DST)	
DST - Enabled	Defines whether or not Daylight Saving Time will be enabled. If the check box is left blank, DST will not be implemented. To Configure Daylight Saving Time <ol style="list-style-type: none"> 1) Define the start date of DST (Day: DD and Month: MM). 2) Define the day of that week that DST occurs (Monday - Sunday). 3) Define the time of day that DST occurs (HH:MM). 4) Define the end date of DST (Day: DD and Month: MM). 5) Define the day of that week that DST ends (Monday - Sunday). 6) Define the time of day that DST occurs (HH:MM). <i>Note: DST will occur the day of the week defined after the start date set in Step 1.</i>

Name	Description
Web Page Access	
Select User	Displays a list of all system Login IDs.
Login ID	Defines a new username for the selected Login ID.
New Password	Enter the new password (password must be six characters or more). Maximum 16 characters.
Confirm Password	Confirm the new password.
Advanced - GSM	
Frequency band	Displays the frequency band used by the PCS300 Universal IP Reporting Module. The PCS300 Universal IP Reporting Module will automatically be set to a working frequency according to the country.
Dial Tone	
Frequency #1	Defines the telephone dial tone frequency that is used to indicate that the telephone exchange is working.
Frequency #2	Defines a secondary dial tone frequency. This can sometimes be the same as the external PSTN or different.
System Log	
Export	Exports a log file that tracks system events and troubles that have occurred. The system log file is used for troubleshooting purposes. To Export the System Log File 1) Click the Export button. 2) Click the Save button and select the location to save the system log file.
Reset to Factory Defaults	
Reset	Resets the PCS300 Universal IP Reporting Module settings back to the original system defaults.

For technical support in Canada or the U.S., call 1-800-791-1919, Monday to Friday from 8:00 a.m. to 8:00 p.m. EST.
For technical support outside Canada and the U.S., call 00-1-450-491-7444, Monday to Friday from 8:00 a.m. to 8:00 p.m. EST.
Please feel free to visit our website at www.paradox.com.

Patents: One or more of the following US patents may apply: 7046142, 6215399, 6111256, 6104319, 5920259, 5886632, 5721542, 5287111, 5119069, 5077549 and RE39406 and other pending patents may apply. Canadian and international patents may also apply.

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