



**UCrypt<sup>®</sup>** IP2IP  
Patent Pending

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## UCrypt<sup>®</sup> Cable Gateways IP to IP

QUICK START GUIDE

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# 1. SAFETY

**WARNING! FAILURE TO FOLLOW THE SAFETY PRECAUTIONS LISTED BELOW MAY RESULT IN PROPERTY DAMAGE OR PERSONAL INJURY. PLEASE READ AND COMPLY WITH THE FOLLOWING:**

**SAFETY GROUND:** The connection to earth of the supplementary grounding conductor shall be in compliance with the appropriate rules for terminating bonding jumpers in Part V of Article 250 of the National Electrical Code, ANSI/NFPA 70, and Section 10 of Part I of the Canadian Electrical Code, Part I, CSA C22.1.

**WATER AND MOISTURE:** Care should be taken to prevent entry of splashed or dripping water, other liquids, and physical objects through enclosure openings.

**DAMAGE:** Do not operate the device if damage to any components is suspected.

**POWER SOURCES:** Only connect the unit to a power supply of the type and capacity specified in the operating instructions or as marked on the device.

- NOTE:**
- a) For 115 VAC operation, use the power cord supplied for operation from a 115 VAC source.
  - b) For 230 VAC operation, use the power cord supplied for operation from a 230 VAC source.

**GROUNDING OR POLARIZATION:** Electrical grounding and polarization means must not be defeated.

**POWER CORD PROTECTION:** Care must be taken during installation to route or arrange the power supply cord to prevent and avoid the possibility of damage to the cord by external objects. Pay particular attention to the exit point from the device and plug.

**POWER SUPPLY CORD ROUTING:** The power supply cord shall not be attached to the building surface, nor run through walls, ceilings, floors and similar openings in the building structure.

**SERVICE:** Do not attempt to service the device beyond procedures provided the operating instructions. All other servicing should be referred to qualified service personnel.

**MODIFICATIONS:** Modifications should not be made to the device or any of its components for applications other than those specified in the operating instructions.

**SAFETY CODES AND REGULATIONS:** The device should be installed and operated in compliance with all applicable local safety by-laws, codes and regulations.

**BATTERY REMOVAL AND REPLACEMENT:** Disconnect power (AC or DC) from the equipment before battery removal and replacement. This is accomplished by unplugging the power cord from the power outlet. Replace the battery with Sony part No. CR2032 or exact replacement only.

**CAUTION:** Use of a different battery type may present a risk of fire or explosion.

**BATTERY DISPOSAL:** Recycle or dispose of batteries in accordance with the battery manufacturer's instructions and local/national disposal and recycling regulations. Please call 1-800-8-BATTERY or go to the website at [www.call2recycle.org](http://www.call2recycle.org) for information on recycling or disposing of your used battery.

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## 2. QUICK START GUIDE – READ ME FIRST

### UCrypt® IP to IP Encryptor Functionality

This UCrypt device has the following basic features and resources:

- Receives IP multicasts on a Gigabit Ethernet network.
- Allows flexible selection of desired programs from the IP multiplexes.
- Encrypts the selected programs with Pro:Idiom®.
- Allows flexible assignment of selected programs to output IP multiplexes.
- Outputs IP multicasts on a Gigabit Ethernet network

For detailed information on configuration, go to the ATX website ([atxnetworks.com](http://atxnetworks.com)) in the Resources & Support section, User Documents sub-section to download the Installation & Operation Manual.

This Quick Start Guide will take you through the steps required to get your UCrypt device up and running if you have not done this before. Follow the steps below:

### 2.1 Install and Power Up

You may be doing this first setup in your lab so detailed installation details are not provided here. See the Installation and Operation Manual for installation details. You can get it from the ATX website ([atxnetworks.com](http://atxnetworks.com)) in the Resource & Support section, User Documents sub-section. You will first need to get a user name and password from your ATX Networks support or sales representative and the contact numbers are on this same web page. Refer to “[Installation Summary](#)” on [page 4-1](#) for a brief overview of mounting and powering information.



**NOTE:** *If the unit is to be mounted in a rack, it is essential to attach the rear mounting ears to mounting rails to provide support or alternately install the equipment on a well supported shelf.*

### 2.2 Connect the Cables

A computer with web browser and Ethernet network port will be required to configure the UCrypt device. Establish a network connection with the supplied crossover network cable. Connect the input and output ports to your GbE switch.

Refer to “[5. Cabling Connections](#)” on [page 5-1](#) for more details about cabling.

### 2.3 Start the UCrypt® Management Interface

The software for configuring the UCrypt Management Interface is provided by a built in secure web server which presents configuration pages. You will connect with the secure web server at <https://192.168.0.23> which is the default address, and log in to access the Interface.

The UCrypt device will take about 90 seconds to boot up after applying power before you can begin configuration.

Refer to “[7. Management Interface](#)” on [page 7-1](#) for basic setup to connect to the Management Interface.

### 2.4 Change Network Settings

If it is necessary to change the network IP address to access this unit remotely on a network, that is done on the **System** configuration tab.

Refer to “[10. SYSTEM Tab - Configuration](#)” on [page 10-1](#) to change network IP addresses.

### 2.5 Optionally Import an Existing Configuration File

The UCrypt device supports mass deployment with an importable/exportable configuration file. If you have a previously exported configuration file to import, refer to “[11. CONFIGURATION Tab - Configuration](#)” on [page 11-1](#).

If you have no file to import skip to Step 12.1 below.

## 2.6 Select Programs for Processing

You first need to define the incoming multicast addresses and Ports which contain the programs that you want on the UCrypt device output. Enter the IP address(es) and associated Port number(s), click **Save** then click the **Detect Programs** button to read the Transport Stream(TS) PAT and PMT Tables. Only programs that are in the clear on the input may be selected to be processed by the UCrypt device. Each program on each multicast will have an accompanying drop down dialog box with 3 options:

- Filter  
Program is ignored by UCrypt device and not passed to the output.
- Passthrough to Output  
Program is passed to the output without encryption applied.
- To Pro:I Encryptor  
Program is encrypted with Pro:Idiom before being sent to output.

Refer to [“8. INPUT ETHERNET VIEW Tab - Configuration” on page 8-1](#) for a summary of steps to select programs.

## 2.7 Configure Output Multiplexes

You need to specify the IP Address of the output multiplexes.

Refer to [“9. OUTPUT MPTS VIEW Tab - Configuration” on page 9-1](#) for more details.

## 2.8 Assign Programs to Output Multiplexes

Finally, the programs selected on the Input Ethernet View tab are assigned to output multiplexes. Pro:Idiom encryption is automatically done if the program was selected with the “To Pro:I Encryptor” routing. You may combine encrypted and non-encrypted programs in the same output multiplex. Depending on the model of UCrypt device ordered, you may either build SPTS or MPTS multiplexes. The MPTS model may also be used to build SPTS multiplexes.

Refer to [“9. OUTPUT MPTS VIEW Tab - Configuration” on page 9-1](#) to assign selected programs to output IP multiplexes.

### That’s it, you’re done

If you followed all the **Read Me First** directions, you should have programs on the IP output channels that you configured. Use an IPTV or computer with media player such as [VideoLAN](#) to view programs that are in the clear and an appropriate Pro:Idiom compatible TV or STB with built-in Pro:Idiom to view encrypted programs. Download the full Installation & Operation Manual from the ATX website ([atxnetworks.com](#)) in the Resources & Support section, User Documents sub-section for more details than are presented here. Click the **Help** tab to download it to your Management Computer.



## 3. IMPORTANT CONFIGURATION INFORMATION

### 3.1 Support for Two Simultaneous Configurations

As work on configuration progresses, changes will need to be made to multiple pages in the Management Interface. As work is completed on each page, the changes must be saved and there is a **Save** button conveniently located on every configuration page where configuration changes need to be saved. If changes are made and you navigate away from the page without saving, the changes may be discarded.

When you are satisfied that all configuration changes on the UCrypt device are complete and correct, click the **Apply** button located by the save buttons on any page, they all do the same thing. There is no need to apply the configuration as you complete work on each page. You may **Save** your work as you go and **Apply** the configuration when completed.

#### 3.1.1 Saved Configuration

This can be thought of as a work in progress and any changes can be made in the configuration without affecting how the UCrypt device is currently working and providing services. This saved configuration can be discarded at any time without affecting the working UCrypt device configuration or can be 'Applied' to make it the new working configuration. To discard your configuration changes browse to the **Configuration** tab and click the **Revert** button. The Revert action is not service affecting.

#### 3.1.2 Applied Configuration

This is the working configuration that is currently being used to provide the desired services to the output and regardless of the changes made in the Management Interface as discussed above, changes do not take effect until the **Apply** button is clicked and the configuration is applied.

During configuration, while changes are being made, the saved configuration and the applied configuration differ by the changes that have been made and saved since last clicking 'Apply'. After the Apply button is clicked, the saved configuration and the applied configuration are identical.



**NOTE:** *Clicking the Apply button will cause a service interruption while the UCrypt device re-provisions itself with the new working configuration. It is best to make all changes necessary on all configuration pages and apply the changes when completed.*

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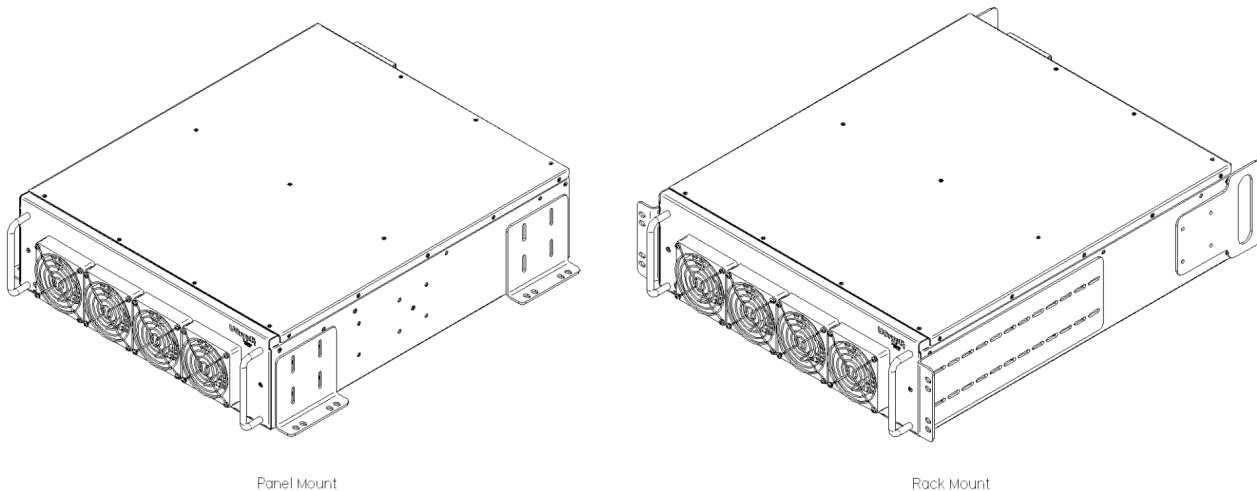
## 4. INSTALLATION SUMMARY

### 4.1 Mounting



**NOTE:** If the UCrypt unit is to be mounted in a rack, it is essential to attach the rear mounting ears of the unit to rear mounting rails to provide support or alternately install the equipment on a well supported shelf

Rack mount brackets are provided with the UCrypt device for mounting in a standard EIA 19" rack. Brackets are also provided for mounting the UCrypt device to a vertical backboard for sites where no rack mounting facilities exist.



### 4.2 Equipment Safety Grounding

It is imperative that the UCrypt device housing be connected to a permanent building ground in a manner that will ensure that the exposed metal parts are constantly connected to ground even when the power cord may be disconnected temporarily. A grounding lug is provided on the rear panel to conveniently effect such a connection. The following guidelines are provided to clarify the requirements for the installation to meet UL, CUL and CB standards. The use of the words “Ground” and “Earth” as well as “Grounding” and “Earthing” may be used interchangeably and in this context, have the same meaning.

1. The supplementary equipment grounding conductor is to be installed between the UCrypt device rear panel ground connector and earth, that is, in addition to the equipment ground conductor in the power supply cord.
2. The supplementary equipment grounding conductor may not be smaller in size than the branch-circuit supply conductors or a minimum #14 AWG. The supplementary equipment grounding conductor is to be connected at the rear panel terminal provided, and connected to earth in a manner that will retain the earth connection when the power supply cord is unplugged. The connection to earth of the supplementary grounding conductor shall be in compliance with the appropriate rules for terminating bonding jumpers in Part V of Article 250 of the National Electrical Code, ANSI/NFPA 70, and Section 10 of Part I of the Canadian Electrical Code, Part I, CSA C22.1.
3. Termination of the supplementary equipment grounding conductor may be made to building steel, to a metal electrical raceway system, or to any grounded item that is permanently and reliably connected to the electrical service equipment earth.
4. Bare, covered or insulated grounding conductors are acceptable. A covered or insulated grounding conductor shall have a continuous outer finish that is either green, or green with one or more yellow stripes.

### 4.3 Ambient Environment

The UCrypt device is designed to operate to specification in an ambient room temperature of 0°C to +50°C (+32°F to +122°F) however it is recommended that it is installed in an environment that approximates normal room temperature to ensure proper long term operation.

## 4.4 Power Requirements

The UCrypt device is designed with an autosensing switching type power supply which can operate on a wide range of input voltages from 115 VAC to 230 VAC. There is no need to configure the power supply to operate on any voltage in this range. The power cord provided with the UCrypt device is a North American configuration with a NEMA 5-15 grounded plug for 115 VAC. If it is necessary to operate the UCrypt device on 230 VAC, the installer must obtain an IEC cord with a NEMA 6-15 grounded plug for use in North America.

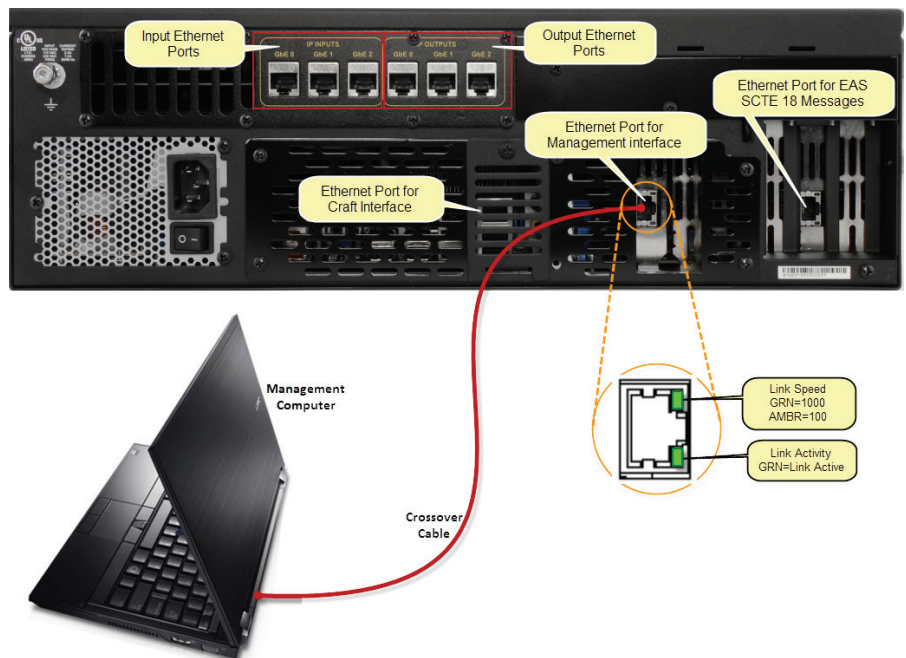
## 5. CABLING CONNECTIONS

### 5.1 Input Ports

The IP multicasts presented to the UCrypt device must be available on a GbE network switch or router and programs within the multicasts must be in the clear to be processed by the UCrypt device. No encrypted multiplexes may be passed through this UCrypt device. The input ports on the UCrypt device are GbE only, autosensing. Use standard straight through wired cables of Cat5e quality or better to connect the 3 input and 3 output ports to available network switch ports. Each input port is a unique physical input and can be used to receive up to 16 multicasts of 38.8 Mb/s or an aggregate of 620 Mb/s of smaller size multicasts. If the UCrypt device model is the 8 or 16 Output multiplex model, then there is only a need to connect to one GbE input port.

### 5.2 Output Ports

Output multicasts will be presented on the physical port that they are defined on in the Output MPTS View and only 8 multicasts may be defined for each output port. If there are multicasts defined on physical ports be sure to connect those physical ports to the network Ethernet switch. Each physical output port is capable of up to 8 multicasts of 38.8 Mb/s data rate.



*UCrypt® Connections to the Management Computer*

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## 6. POWERING UP



**NOTE:** *The factory default configuration is that all IP output streams are disabled so no unintended output into the distribution network is possible. If the UCrypt device has been pre-provisioned elsewhere then before powering, ensure that the network output cables are disconnected from the distribution network to avoid unintentional service outages if there are overlaps between the output IP addresses and existing services on the network.*

Apply power and turn on the rear panel switch below the power receptacle. Boot-up will take approximately 90 seconds.

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## 7. MANAGEMENT INTERFACE

### 7.1 Connect to the Management Interface

#### Minimum Management Computer Requirements

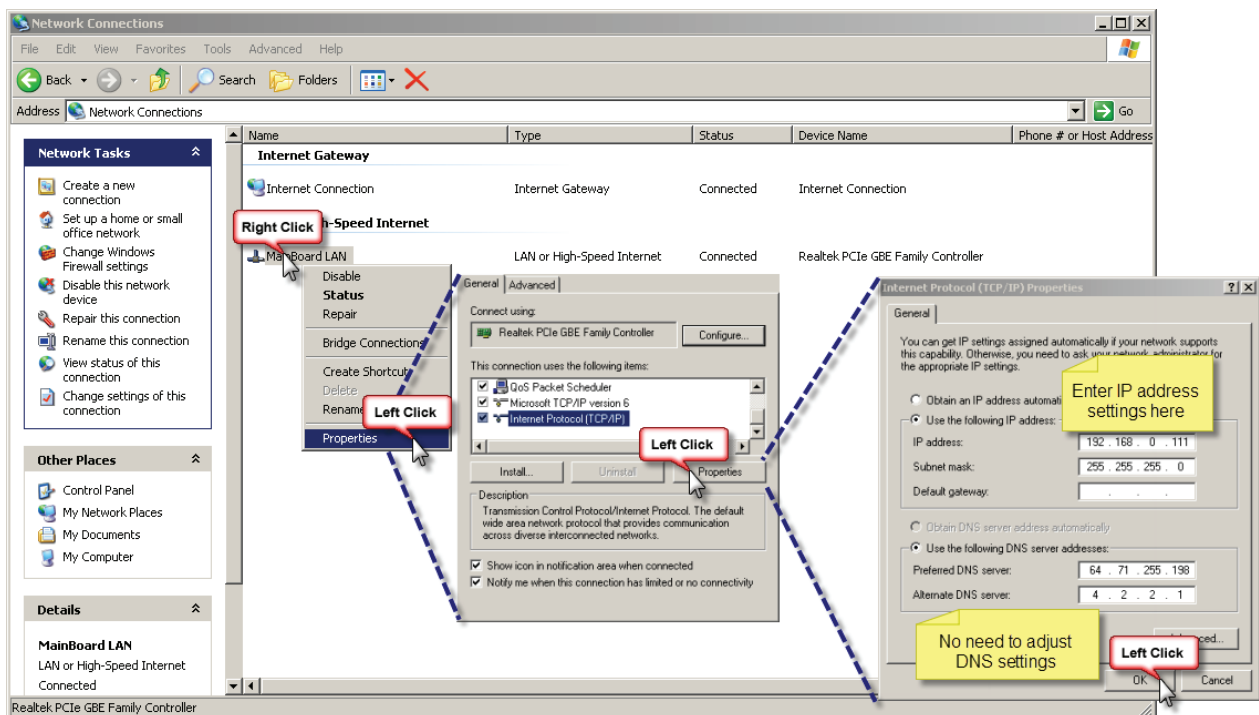
- Computer running Windows® or other OS
- Ethernet Network port available
- Web browser such as Internet Explorer®, Firefox® or similar
- Adobe Reader for reading this manual
- Notepad or text editor for capturing text and logs

### 7.2 Configure the Management Computer Network Port

Set-up of the UCrypt unit requires a laptop or desktop PC running Microsoft® Windows or other operating system with an available Ethernet network port and web browser software (called the “Management Computer” in the following procedures)

The Management Computer network port must be assigned an IP address in the same subnet as the UCrypt device for access to the UCrypt Management Interface. The following procedures are for Microsoft Windows XP and a factory default IP address setting on the UCrypt of 192.168.0.23 subnet 255.255.255.0

- Connect the Management Computer’s Ethernet adapter to the UCrypt device’s Ethernet port using a Cat5e network cable (supplied with the unit). Link lights should illuminate indicating that the cable connection is correct and working.
- Set the Management Computer’s Ethernet interface to a static IP address on the 192.168.0.x subnet, as described below:
  - From the Control Panel, open **Network Connections** and select the connection associated with the Ethernet adapter to be used for connecting to the UCrypt device (e.g., Local Area Connection).



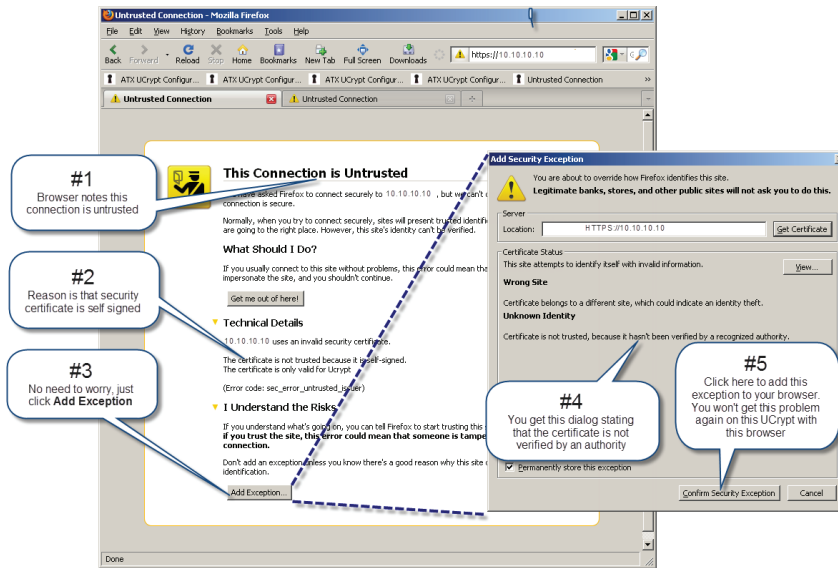
- Right click on the connection and select **Properties**.
- Select **Internet Protocol (TCP/IP)** and click Properties.
- Click the selection box beside **Use the following IP address** to enter a check mark in the box.
- In the **IP address** field, enter 192.168.0.x (where x represents any number from 1-253 except 23).
- In the **Subnet mask** field enter 255.255.255.0.
- Click **OK** and then **OK** again in the previous window.

### 7.3 Log in to the Management Interface

On the management computer, open a web browser and enter **https://192.168.0.23** in the address field.

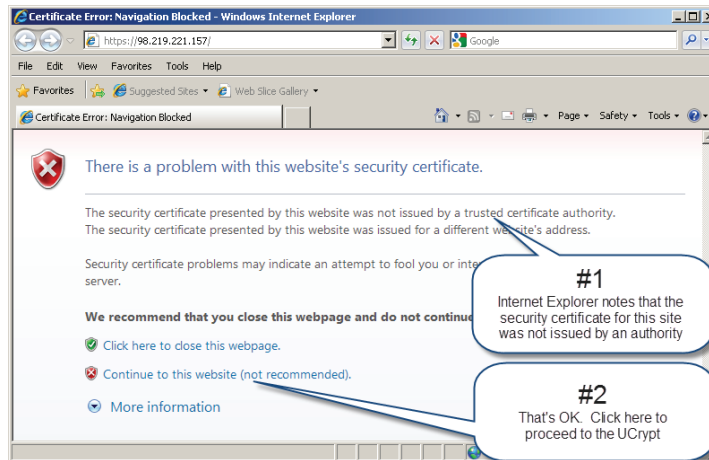
If this is the first time you have connected to this UCrypt device with this Management Computer, you may get a warning of a security violation or error. This is due to the UCrypt device having a self signed security certificate and is not a security threat but your browser identifies it as such. Simply accept the security exception and proceed to the login screen as shown next. Other browsers will typically respond in the same manner.

#### Warning For Firefox Browser



Warning in Firefox

#### Warning For Internet Explorer



Warning in Internet Explorer

After navigating the security warnings, you should be presented with the following screen, on the left, displaying the login window:

Login Window

Logged In

Enter the appropriate **User Name** and **Password** for the access level you require from the table below.

Default User Names, Passwords and Privileges				
Account User	Modify UCrypt® Settings	Install Updates	Set Passwords	Default Password
master	Yes	Yes	Yes	atx_ucrypt_master_password
admin	Yes	No	No	atx_ucrypt_admin_password
user	No	No	No	atx_ucrypt_user_password

When the login username and password are successfully entered, the screen on the right above will be presented.

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## 8. INPUT ETHERNET VIEW TAB - CONFIGURATION

Define input multicasts and select programs from the transport streams for processing on the Input Ethernet View tab.



Input Ethernet View    Output MPTS View    System    Configuration    Help

**Input Ethernet Channels**    Detect Programs

Save    Apply

All    Ethernet 0    Ethernet 1    Ethernet 2

**Ethernet 0** Total Bitrate: 163.1 Mbps

Ethernet: #0 Channel: #0  
 Destination IP: 224.1.1.61    Port: 8000    -- Set All --    Filter by source IP:

Program #	Resolution	Bitrate	Program Routing	Label	Output
1	1080i	17.6 Mbps	To Pro: Encrytor		None

Detect Programs on 0.0    Clear Programs on 0.0

Input Ethernet: #0 Channel: #1  
 Destination IP: 224.1.1.62    Port: 8000    -- Set All --    Filter by source IP:

Program #	Resolution	Bitrate	Program Routing	Label	Output
1	1080i	17.3 Mbps	To Pro: Encrytor		None

Detect Programs on 0.1    Clear Programs on 0.1

Input Ethernet: #0 Channel: #2  
 Destination IP: 224.1.1.63    Port: 8000    -- Set All --    Filter by source IP:

Program #	Resolution	Bitrate	Program Routing	Label	Output
1	1080i	17.3 Mbps	To Pro: Encrytor		None

Detect Programs on 0.2    Clear Programs on 0.2

Add Channel to Ethernet 0    Remove Channel from Ethernet 0

Save    Apply

Click SAVE after entering the Input Multicast Address and Port here

Force a read of the transport stream to discover programs on saved Input Multicast

Detected programs are then listed under each Multicast address

Select To Pro: Encrytor or Passthrough to Output for programs required on the UCrypt output.

Click Apply to move selected programs to Output MPTS View

Input Ethernet View Tab



**NOTE:** Clicking the Apply button will cause a service interruption while the UCrypt device re-provisions itself with the new working configuration. It is best to make all changes necessary on all configuration pages and apply the changes when completed.

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## 9. OUTPUT MPTS VIEW TAB - CONFIGURATION

Configure output programs and multiplexes on the Output MPTS tab.

User: **master**  
Location: **ATX Networks Lab**  
[Logout](#)

**ATX UCrypt®**  
PATENT PENDING

Start here to add a program to an output multiplex

Input Ethernet View **Output MPTS View** System Configuration Help

**Available Programs**

- Program #1 Input 224.1.1.61:8000 - 1080i
- Program #1 Input 224.1.1.62:8000 - 1080i
- Program #1 Input 224.1.1.63:8000 - 1080i
- Program #1 Input 224.1.1.64:8000 - 1080i
- Program #1 Input 224.1.1.65:8000 - 1080i
- Program #1 Input 224.1.1.66:8000 - 1080i
- Program #1 Input 224.1.1.67:8000 - 1080i
- Program #1 Input 224.1.1.68:8000 - 1080i

Select a program to move to the output - click to tick

Click to move selected program(s) to this multiplex

Program appears here

**Output Multiplexes**

All Ethernet 0 Ethernet 1 Ethernet 2

Ethernet #0 - Channel #0

IP: 224.1.1.101 Port: 8000

Bitrate: 38810701 Disable null stuffing:

EAS: This output will be used during a force type event

Program #1 Input 224.1.1.61:8000 - Program 1

Ethernet #0 - Channel #2

IP: 224.2.1.103 Port: 8000

Bitrate: 38810701 Disable null stuffing:

Program #1 Input 224.1.1.62:8000 - Program 1

Ethernet #0 - Channel #3

IP: 224.2.1.104 Port: 8000

Bitrate: 38810701 Disable null stuffing:

Program #1 Input 224.1.1.63:8000 - Program 1

Click Save to save the changes or Apply to make the change active

Auto Assign Clear

Export CSV Apply Outputs

Save **Apply**

Then click here

To remove a program from a multiplex - click to tick

Change program number if required

Set IP address and Port

Output MPTS View Tab



**NOTE:** Clicking the Apply button will cause a service interruption while the UCrypt device re-provisions itself with the new working configuration. It is best to make all changes necessary on all configuration pages and apply the changes when completed.

For detailed information on configuration of this page, go to the ATX website ([atxnetworks.com](http://atxnetworks.com)) in the Resources & Support section, User Documents sub-section to download the Installation & Operation Manual.

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## 10. SYSTEM TAB - CONFIGURATION

Access system configuration properties on the System tab.

The screenshot shows the UCrypt System configuration page. At the top right, the user is identified as 'master' at 'ATX Networks Lab' with a 'Logout' link. The navigation menu includes 'Input Ethernet View', 'Output MPTS View', 'System' (selected), 'Configuration', and 'Help'. A callout points to the 'System' tab, stating: 'Click here on System to set up system wide configuration properties'.

The main configuration area is divided into several sections:

- Users:** Includes fields for 'User' (set to 'master'), 'Password', and 'Confirm Password', along with a 'Set Password' button. A note states: 'Only master user can set passwords'. A callout says: 'Modify User Names and Passwords'.
- Power:** Contains buttons for 'Reboot', 'Powercycle', 'Shutdown', and 'Cancel Shutdown'. It also includes a 'Scheduled Reboot' section with a time field (3:00 AM), checkboxes for 'Enable Scheduled Reboot' and 'Recurring', and a 'Save Reboot Settings' button. A callout says: 'Ucrypt power control options available within software control'. Another callout points to the scheduled reboot options: 'Schedule a reboot once or recurring'.
- Serial Number:** Displays the system's serial number as '021007000095'. A callout identifies this as the 'UCrypt system serial number'.
- Firmware:** Shows the current 'System Version' as '1.5.2' and includes 'Update' fields with 'Browse...' and 'Upload' buttons. A callout says: 'Use Browse and Upload controls to update the Ucrypt System software when necessary'. A note at the bottom states: 'Only master user can apply updates'.

System Tab - Part 1

### 10.1 Default User Names and Passwords

Default User Names, Passwords and Privileges				
Account User	Modify UCrypt® Settings	Install Updates	Set Passwords	Default Password
master	Yes	Yes	Yes	atx_ucrypt_master_password
admin	Yes	No	No	atx_ucrypt_admin_password
user	No	No	No	atx_ucrypt_user_password

For detailed information on configuration of this page, go to the ATX website (atxnetworks.com) in the Resources & Support section, User Documents sub-section to download the Installation & Operation Manual.

**Network**

Configuration:

IP Address:	192.168.0.23
Netmask:	255.255.255.0
Gateway:	192.168.0.1
DNS Server:	4.2.2.2
DNS Search Domain:	Management Interface IP Address Settings
DHCP client mode enabled:	<input type="checkbox"/>
DHCP Hostname:	ucrypt
HTTP Port:	80
HTTPS Port:	443
MAC Address:	00:22:2c:00:05:e5

MPEG Output Interface 0 IP:	192.168.100.2	<input type="checkbox"/> Enable DHCP
MPEG Output Interface 1 IP:	192.168.101.2	<input type="checkbox"/> Enable DHCP
MPEG Output Interface 2 IP:	192.168.102.2	<input type="checkbox"/> Enable DHCP
MPEG Input Interface 0 IP:	192.168.100.4	<input type="checkbox"/> Enable DHCP
MPEG Input Interface 1 IP:	192.168.101.4	<input type="checkbox"/> Enable DHCP
MPEG Input Interface 2 IP:	192.168.102.4	<input type="checkbox"/> Enable DHCP

Save your network changes

Set Network

Only master/administrator user can set network settings

**Encryption**

Send Key Update

**Health**

Diagnostic: Download Diagnostic File

Fans:

Front fan 0:	OK
Front fan 1:	OK
Front fan 2:	OK
Front fan 3:	Failure

Cooling Fan Status (Showing how failed fans are reported)

**Time**

2011/06/29 11:39:08 AM EDT

Set Date And Time

**Logging**

View Log

**Alerts**

Alert Settings

Set Email and SNMP Alerts

**Emergency Alert System (SCTE18)**

EAS Settings

Configure EAS Settings

**Product Type**

Product Type:	GigE to GigE ProI
SKU Type:	24 ProI SPTS IP Outputs
FACE Attached:	False

UCrypt model and capabilities

System Tab - Part 2

For detailed information on configuration of this page, go to the ATX website (atxnetworks.com) in the Resources & Support section, User Documents sub-section to download the Installation & Operation Manual.

## 11. CONFIGURATION TAB - CONFIGURATION

Access mass deployment and backup file utilities on the Configuration tab.

User: **master**  
Location: **ATX Networks Lab**  
Logout

Input Ethernet View Output MPTS View System **Configuration** Help

**Modify Channel Configuration**  
Apply  
Apply the saved configuration to the device.  
Verify  
Ensure all configuration parameters are consistent.

**Import Channel Configuration**  
Import Outputs   
Browse...  
Upload  
Import all channel and output

**Export Channel Configuration**  
Download  
Export all channel and output

**Reset Channel Configuration**  
Clear  
Clear all channel and output  
Revert  
Revert saved configuration to currently applied configuration.

Choose File to Upload  
Exported CSV Files  
Select folder and exported file  
File name: UCrypt\_configuration.zip  
Save as type: zip Archive  
Open



**NOTE:** Clicking the Apply button will cause a service interruption while the UCrypt device re-provisions itself with the new working configuration. It is best to make and save all changes necessary on all configuration pages, then apply the changes when completed.

For detailed information on configuration of this page, go to the ATX website ([atxnetworks.com](http://atxnetworks.com)) in the Resources & Support section, User Documents sub-section to download the Installation & Operation Manual.

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## 12. SERVICE & SUPPORT

### 12.1 Contact ATX Networks

Please contact ATX Technical Support for assistance with any ATX products. Please contact ATX to obtain a valid RMA number for any ATX products that require service and are in or out-of-warranty before returning a failed module to ATX.

#### TECHNICAL SUPPORT

Tel: 289.204.7800 – press 1  
Toll-Free: 866.YOUR.ATX (866.968.7289) USA & Canada only  
Email: [support@atx.com](mailto:support@atx.com)

#### SALES ASSISTANCE

Tel: 289.204.7800 – press 2  
Toll-Free: 866.YOUR.ATX (866.968.7289) USA & Canada only  
Email: [insidesales@atx.com](mailto:insidesales@atx.com)

#### FOR HELP WITH AN EXISTING ORDER

Tel: 289.204.7800 – press 3  
Toll-Free: 866.YOUR.ATX (866.968.7289) USA & Canada only  
Email: [orders@atx.com](mailto:orders@atx.com)  
Web: [www.atx.com](http://www.atx.com)

### 12.2 Warranty Information

All of ATX Networks' products have a 1-year warranty that covers manufacturer's defects or failures.



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