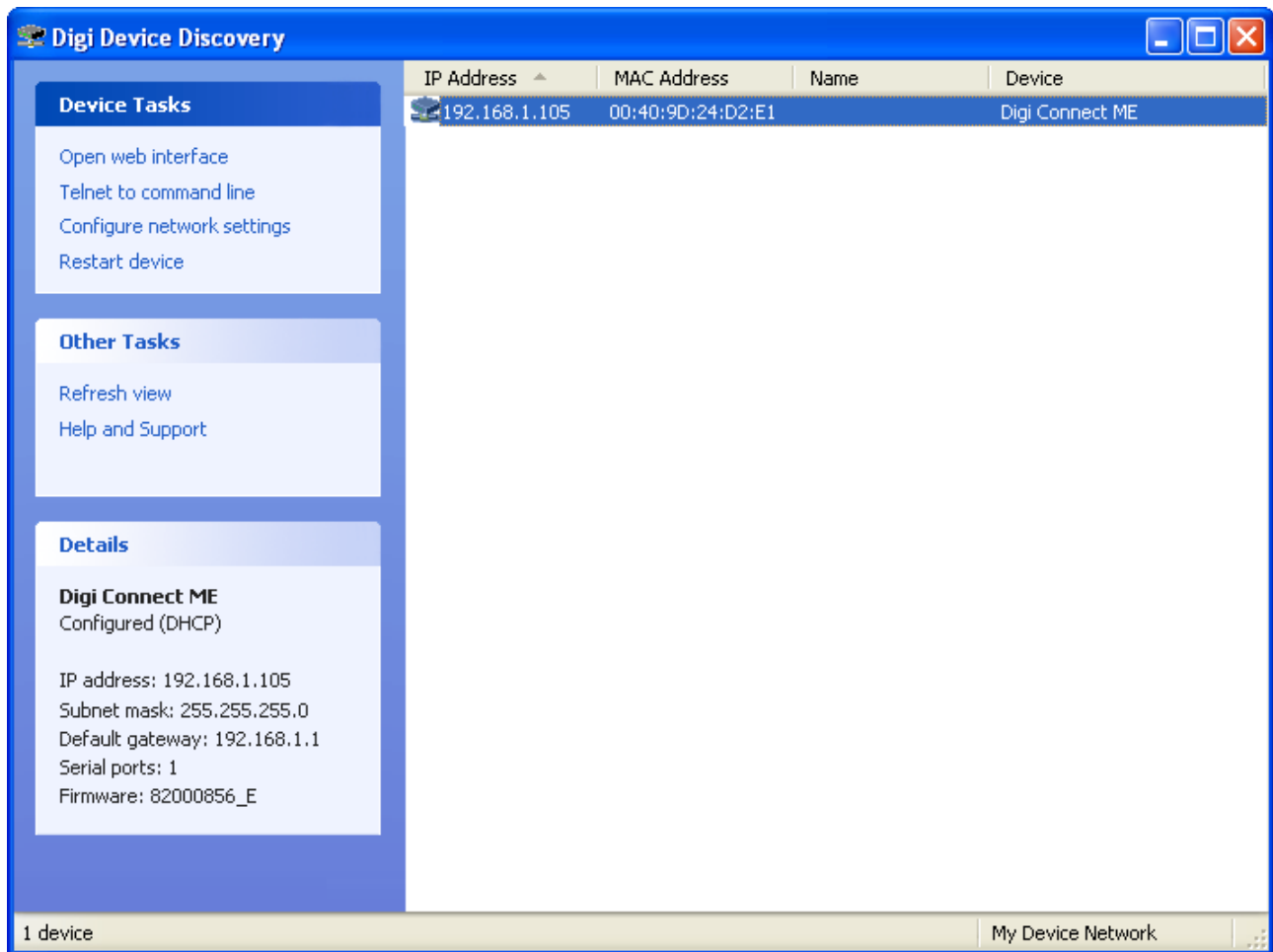


Installation of the Uniflo 1200 Ethernet module

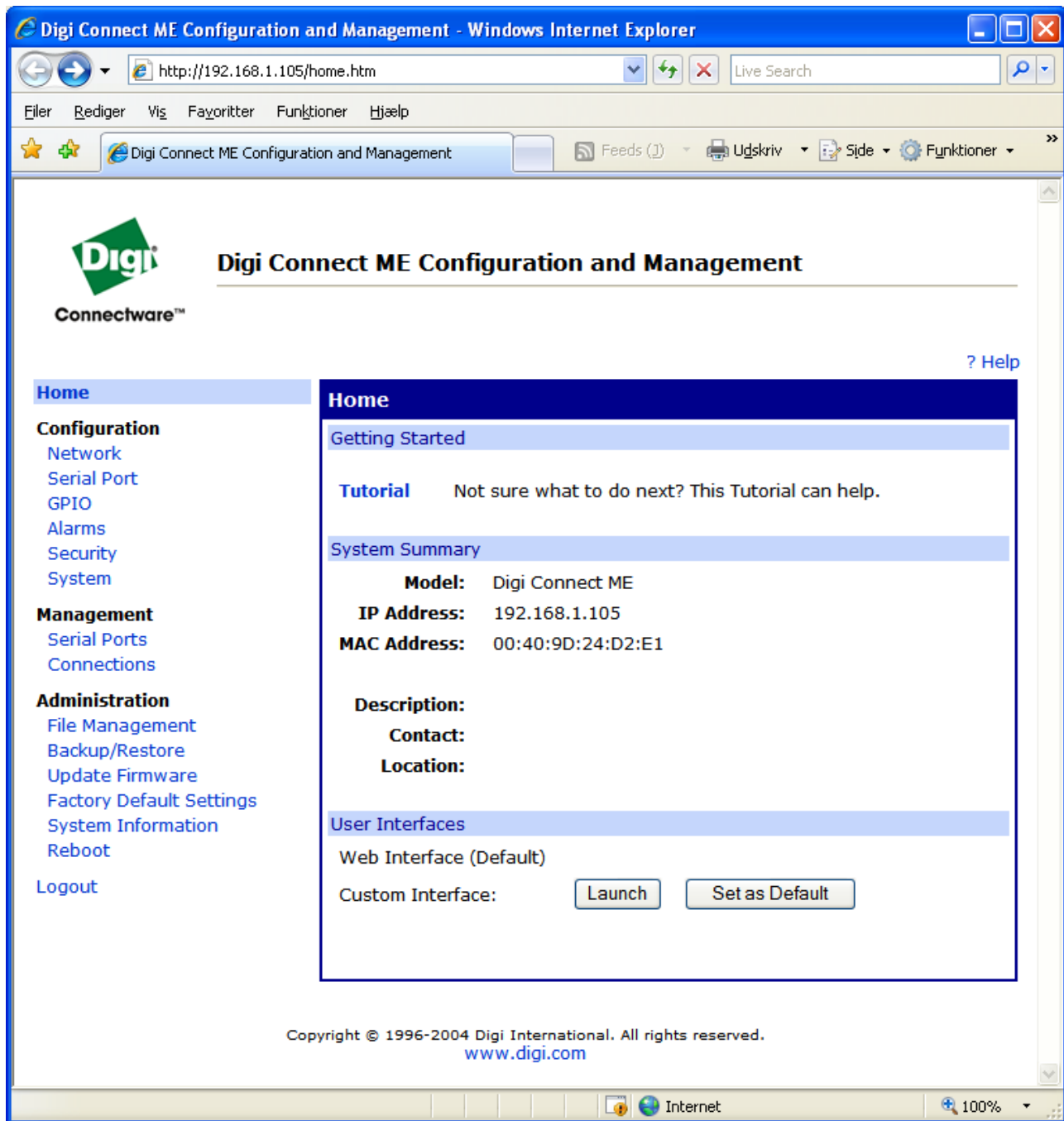
Find devices on the network using the “Device discovery utility” tool from Digi.

How to download this tool can be found in the end of this document



Double click on the wanted device and the following paged opens in the explorer

Installation of the Uniflo 1200 Ethernet module



To set fixed IP address for the device select “Configuration / Network” and the following page is shown:

Installation of the Uniflo 1200 Ethernet module

Digi Connect ME Configuration and Management - Windows Internet Explorer

http://192.168.1.105/config/network/network_config.htm

File Rediger Vis Favoritter Funktioner Hjælp

Digi Connect ME Configuration and Management Feeds (1) Udskriv Side Funktioner

Digi
Connectware™

Digi Connect ME Configuration and Management

[? Help](#)

[Home](#)

Configuration

- Network**
- Serial Port
- GPIO
- Alarms
- Security
- System

Management

- Serial Ports
- Connections

Administration

- File Management
- Backup/Restore
- Update Firmware
- Factory Default Settings
- System Information
- Reboot

[Logout](#)

Network Configuration

IP Settings

☐ Obtain an IP address automatically using DHCP *

☒ Use the following IP address:

* IP Address: 192.168.1.84

* Subnet Mask: 255.255.255.0

Default Gateway: 192.168.1.1

* Changes to DHCP, IP address and Subnet Mask require a reboot to take effect.

[Apply](#)

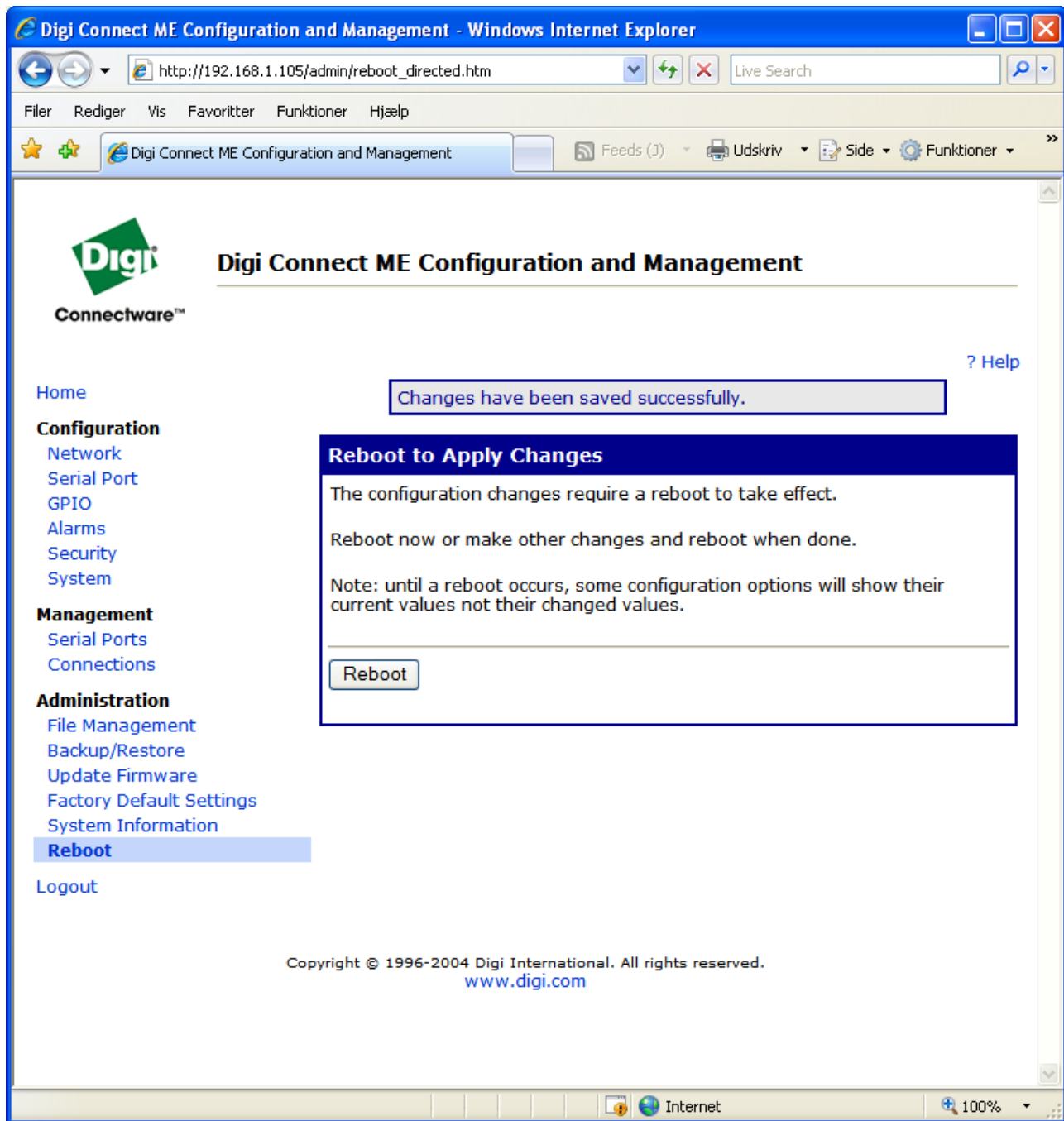
[Network Services Settings](#)

[Advanced Network Settings](#)

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www.digi.com

Set the wanted IP address and push “Apply” and “Reboot”.

Installation of the Uniflo 1200 Ethernet module



To set the Ethernet net device as a Server select only “Enable Raw TCP access using TCP port” and set the port to the wanted port number. To connect to the Uniflo 1200 as a server in this case it will be IP address 192.168.1.84:2101.

After the setting is OK press “Apply”

Installation of the Uniflo 1200 Ethernet module

The screenshot shows the 'Digi Connect ME Configuration and Management' web interface in a Windows Internet Explorer browser. The address bar shows the URL 'http://192.168.1.84/config/ports/port_config_profile.htm?1'. The left sidebar contains a navigation menu with sections: Configuration (Network, Serial Port, GPIO, Alarms, Security, System), Management (Serial Ports, Connections), and Administration (File Management, Backup/Restore, Update Firmware, Factory Default Settings, System Information, Reboot, Logout). The main content area is titled 'Serial Port Configuration' and includes a 'Port Profile Settings' section with a dropdown for 'Current Port Profile' set to 'TCP Sockets'. Below this is a 'TCP Server Settings' section with checkboxes for 'Enable Telnet access using TCP Port: 2001', 'Enable Raw TCP access using TCP Port: 2101' (checked), and 'Enable Secure Socket access using TCP Port: 2601'. The 'TCP Client Settings' section has a checkbox for 'Automatically establish TCP connections' which is unchecked. Below this are radio buttons for connection conditions: 'Always connect and maintain connection' (selected), 'Connect when data is present on the serial line' (with a 'Match string' input field and a 'Strip string before sending' checkbox), 'Connect when DCD (Data Carrier Detect) line goes high', and 'Connect when DSR (Data Set Ready) line goes high'. At the bottom of the client settings, there is a section 'Establish connection to the following network service:' with input fields for 'IP Address: 0.0.0.0', 'Service: Raw TCP' (dropdown), and 'TCP Port: 0'. An 'Apply' button is located below these settings. At the bottom of the page, there is a copyright notice: 'Copyright © 1996-2004 Digi International. All rights reserved. www.digi.com'.

If the Ethernet device has to be a client then select “Automatically establish TCP connections” and setup the rest as shown on the following page:

Installation of the Uniflo 1200 Ethernet module

The screenshot shows the 'Digi Connect ME Configuration and Management' web interface in a Windows Internet Explorer browser. The address bar shows the URL 'http://192.168.1.84/config/ports/port_config_profile.htm?1'. The left sidebar contains a navigation menu with sections: Configuration (Network, Serial Port, GPIO, Alarms, Security, System), Management (Serial Ports, Connections), and Administration (File Management, Backup/Restore, Update Firmware, Factory Default Settings, System Information, Reboot, Logout). The main content area is titled 'Serial Port Configuration' and includes sections for 'Port Profile Settings', 'TCP Server Settings', and 'TCP Client Settings'. The 'Port Profile Settings' section shows the current profile as 'TCP Sockets'. The 'TCP Server Settings' section has three checkboxes for enabling Telnet, Raw TCP, and Secure Socket access, each with a corresponding TCP port field (2001, 2101, and 2601 respectively). The 'TCP Client Settings' section has a checked checkbox for 'Automatically establish TCP connections' and several radio button options for connection conditions. Below these are fields for 'IP Address' (192.168.1.177), 'Service' (Raw TCP), and 'TCP Port' (7777). An 'Apply' button is at the bottom of the configuration area. The footer of the page contains copyright information: 'Copyright © 1996-2004 Digi International. All rights reserved. www.digi.com'.

Serial Port Configuration

Port Profile Settings

Current Port Profile: **TCP Sockets** [Change Profile...](#)

The TCP Sockets Profile allows a serial device to communicate over a TCP network.

TCP Server Settings

Connect directly to the serial device using the following TCP ports on the network.

☐ Enable Telnet access using TCP Port:

☐ Enable Raw TCP access using TCP Port:

☐ Enable Secure Socket access using TCP Port:

TCP Client Settings

Automatically establish bi-directional TCP connections between the serial device and a server or other networked device

☒ Automatically establish TCP connections

Establish connection under one of the following conditions:

- ☒ Always connect and maintain connection
- ☐ Connect when data is present on the serial line
Match string:
- ☐ Strip string before sending
- ☐ Connect when DCD (Data Carrier Detect) line goes high
- ☐ Connect when DSR (Data Set Ready) line goes high

Establish connection to the following network service:

IP Address:

Service:

TCP Port:

[Basic Serial Settings](#)

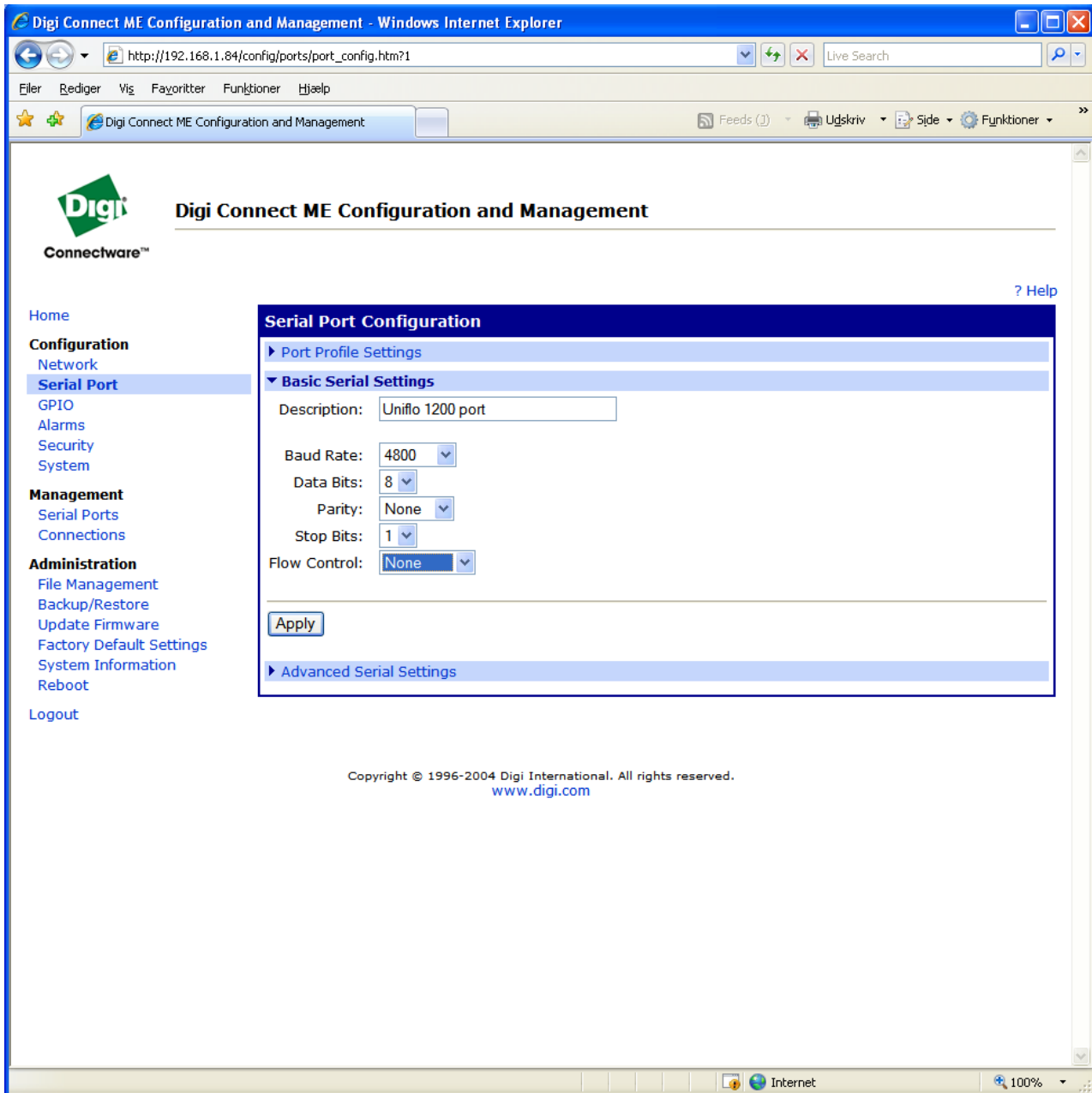
[Advanced Serial Settings](#)

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The IP address and TCP Port is the IP address and Port of your server. Press Apply to approve.

Installation of the Uniflo 1200 Ethernet module

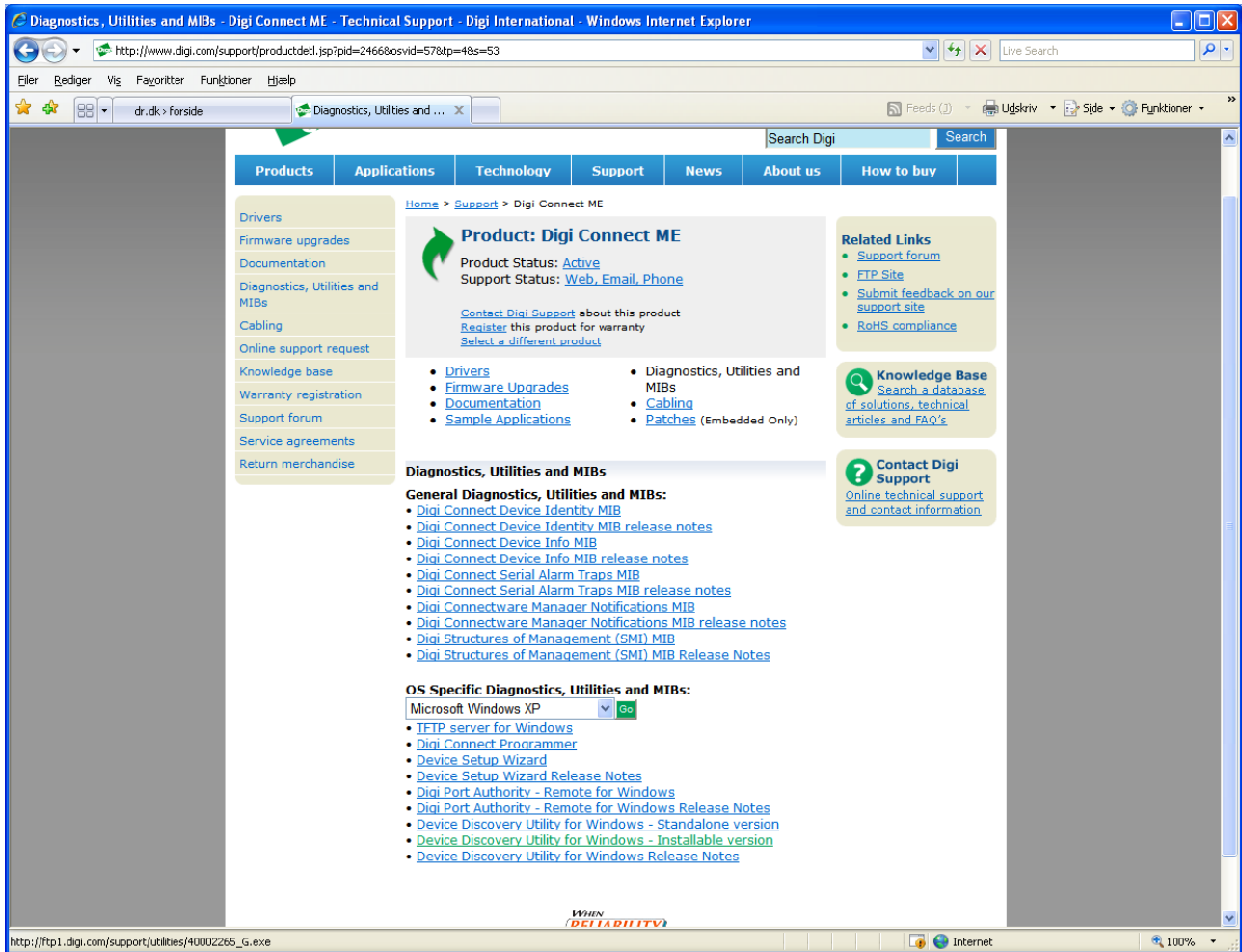
On top of this it's possible to setup the serial port of the device, but this has been set by Flonidan and should not be changed:



Installation of the Uniflo 1200 Ethernet module

Appendix A

Download of “Device discovery utility” tool form Digi.

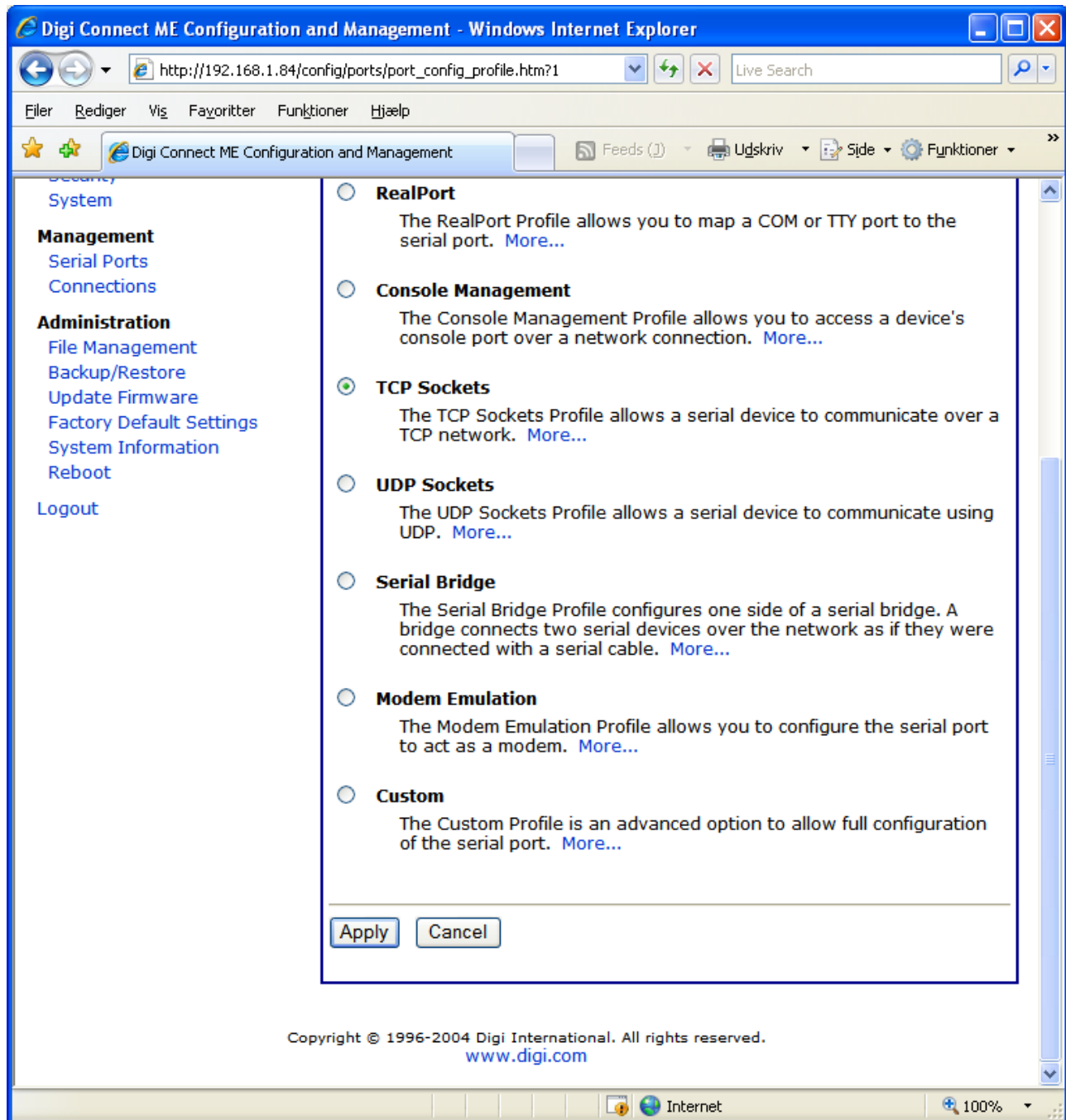


Installation of the Uniflo 1200 Ethernet module

Appendix B

Initial selection of serial port profile.

This is only done at the first setup of the Ethernet device.



Select TCP Sockets and press "Apply"