HERCULES

Quick Install Guide

No Rules. Just Results.

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Equipment Supplied

Hercules   Power Adapter   2 Antennas   Ethernet Cable

If any of the above items are missing please contact DPL.

Before You Begin

Activate the Hercules (if not pre activated) a minimum of two-days before installation by logging in to the Hercules Portal at hercules. dplwireless.com or by contacting DPL technical support at **1-800-561-8880** or by email at **support@dplwireless.com**

Be prepared to provide the following information:

- Company name
- Email address
- Hercules serial number
- Connectivity type (dial up or IP)
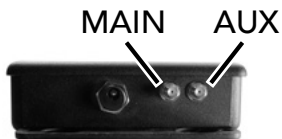- Transaction processor*
- Message format to be used†

*If the ATM is new to you, contact your transaction processor to set it up. †For IP only ATMs. Message format supplied by transaction processor.

Connecting the Hercules

Step 1
Connect the antennas to the Hercules by screwing the SMA connectors into the antenna jacks of the Hercules (hand tight).

Secure the magnetic mounts at the base of the antennas to a metallic surface or near the top of the ATM terminal in a vertical orientation (top of antenna's pointing upward).

MAIN   AUX

The MAIN antenna, connected closest to the power jack (pictured above) should be placed in the most ideal location. The AUX antenna should be placed a minimum of four inches away or more from the MAIN antenna. Ensure the antennas are placed away from electronics or other metallic objects that may cause signal interference.

Step 2
Connect the required communication cable (ethernet or telephone) from the ATM to the Hercules.

Step 3
Plug the power adapter into the Hercules and then plug it into an AC outlet. Verify the green Power indicator is lit on the Hercules.

Step 4
Verify the green ATM and SRVC indicators
are lit indicating the Hercules is successfully
communicating with DPL's data centers.

Step 5
Place the Hercules inside the safe of the ATM
and lock the safe.

ATM Configuration
Depending on your chosen connectivity type,
configure the ATM using the settings below:

IP

  ATM
- Enable DHCP

    or

- Static Settings:
  - IP Address: 192.168.0.55
  - Subnet: 255.255.255.0
  - Gateway: 192.168.0.52

Host

- Disable URL
- Host Address (1&2): 192.168.0.52
- Host Port (1&2): 8000
- Disable SSL
- Disable Permanent TCP/IP

Dial Up

ATM

- Modem speed: 1200 baud or 2400 baud

Host

- Host number: 555-0120

RMS Configuration (Optional)

2-Way configuration is available for ATMs that use remote management software (RMS).

Step 1
Configure ATM

Dial Up

- RMS telephone number: 555-0155
- Modem baud rate: 14,400 or less
- Note what your baud rate is and any other protocol settings. The Hercules+ supports v.22bis, v.32 and v.32bis (2400 – 14,400) baud rates for 2-Way.

IP

- RMS Server IP: 192.168.0.53

Note: The above settings are DPL's standard configuration. If these settings are not available in your ATM, contact DPL technical support.

Step 2

Contact DPL technical support to assist with RMS server configuration and software installation.

FCC Statement

Antenna Placement: Place antenna so a minimum of 8 inches is maintained between it and any person to limit RF exposure to within FCC guidelines. Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with these instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: (1) Re-orient or relocate the antenna, (2) Increase

the separation between the equipment and
the receiver, (3) Connect the equipment into an
outlet or a circuit different from that to which
the receiver is connected, and (4) Consult DPL
or an experienced radio/TV technician for help.

Warning
Changes or modifications not expressly
approved by DPL could void the user's
authority to operate the equipment.

Declaration
This equipment contains a radio module
Gemalto ELS61-US or Gemalto ELS31-V. Refer
to product label for FCC / ICAN numbers.

Electronic Devices
Most modern electronic equipment is shielded
from radio frequency (RF) signals. However
certain electronic equipment may not be
shielded against the RF signals from the
Hercules (LTE/HSPA) wireless modem. This
should be considered before installing in

sensitive areas such as Medical Facilities and facilities that ban the use of Digital Cellular Phones.

Trademarks and Copyright

Disclaimer

Specifications

Warranty	5 years parts and labour. Details available from DPL.
Dial In Interface	Central Office POTS Line, RJ-11, 2400 baud v.22bis or 1200 Baud
Ethernet Port	Supports 10/100T speeds and straight or crossover cables
Interface Port	Custom port for Protetcor / Restart harness which is optional
Protocols Supported	VISA-2, Security Encoding: Triple DES
Network Services	4G Data over LTE network with ability to fall back to 3G/HSPA (carrier dep.)
Power Supply Output	12VDC, 2A, Center Positive, 5.5mm x 2.1mm
Power Supply Input	100-240VAC, 50-60 Hz, 1.0 A Max
Dimensions (h w d)	3.8 x 12.2 x 14.5 cm (1.5 x 4.8 x 5.7 inches)
Operating Temp	-10 to 45 °C (14 to 113 °F)
Weight	1.1 kg (2.4 lbs.)

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