If you have **VDR**® device, you are required to use the gateway configuration to be able to Setup and mannage the device supplied to you.

The simplest solution to setup the system is conecting IP. sDue to the nature of VDR device ,it has to pass traffic on your network and setting your gateway in IP Passthrough mode will allow you to get all the same benefits of the Linksys Velop Intelligent Mesh Wi-Fi System while allowing U-verse to continue to manage your device

Ethernet
Computer Connection

Vehicule
Connection

621 Technologies Inc.
410 Albany St. Petrolia ON
1-519-333-3361

Revision 1.0
FEB 2019
Subject to change without notice
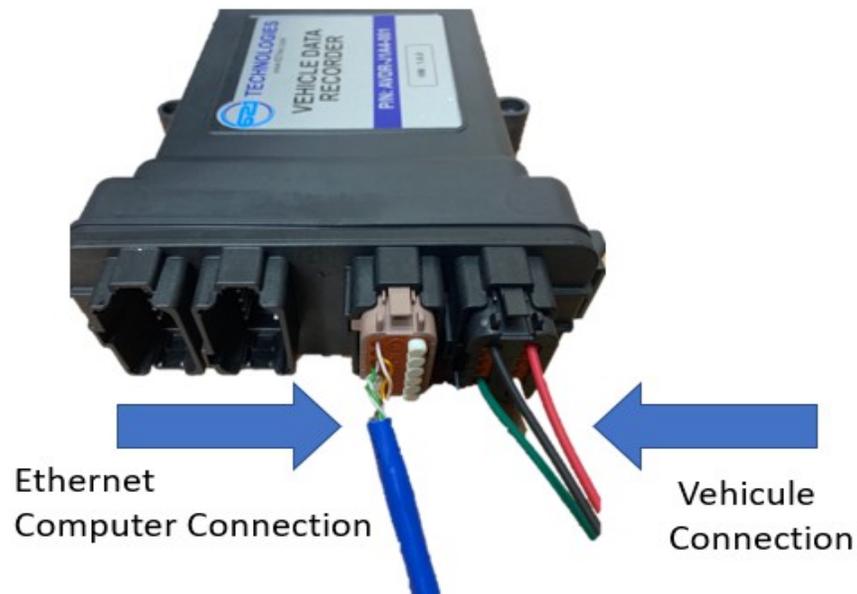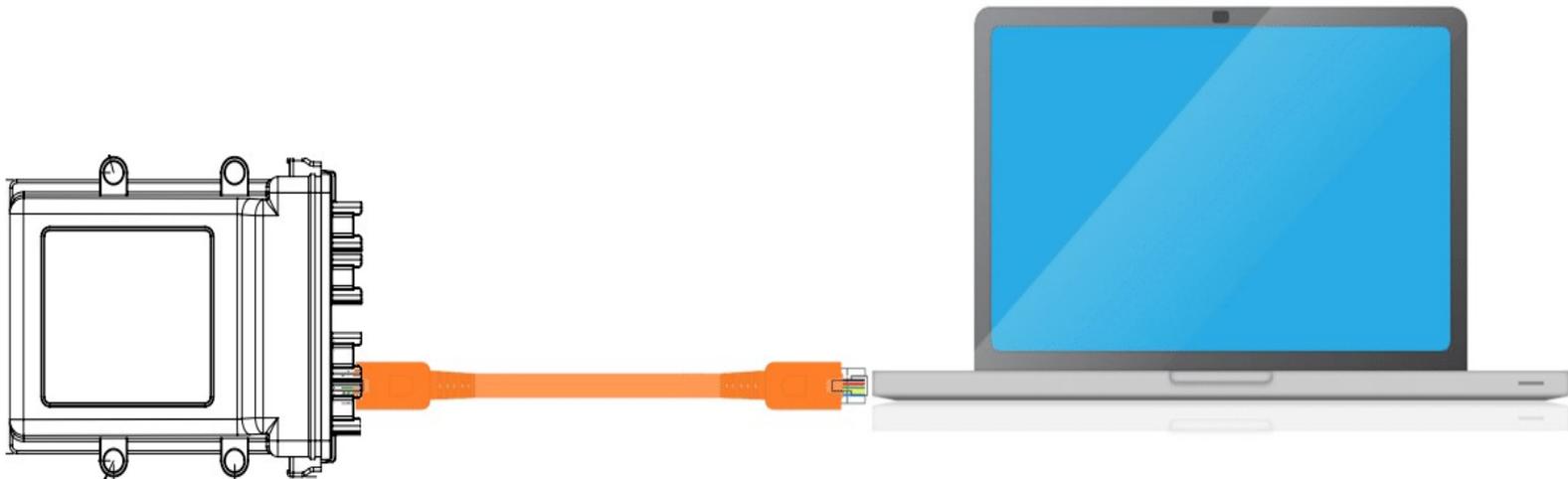
Direct Ethernet Connection

621 Technologies Inc.
410 Albany St. Petrolia ON
1-519-333-3361

Revision 1.0
FEB 2019
Subject to change without notice

FIND YOUR ETHERNET ADAPTER'S IP ADDRESS
First, we need to find out the IP address of the ethernet adapter on the computer you will be accessing the Pi from.

Access the "Network Connections" window by right clicking on the Windows icon in the task bar (Windows 8), or through the Control Panel in earlier versions of Windows. Then right click on the

Ethernet connection and select "Properties":

621 Technologies Inc.
410 Albany St. Petrolia ON
1-519-333-3361
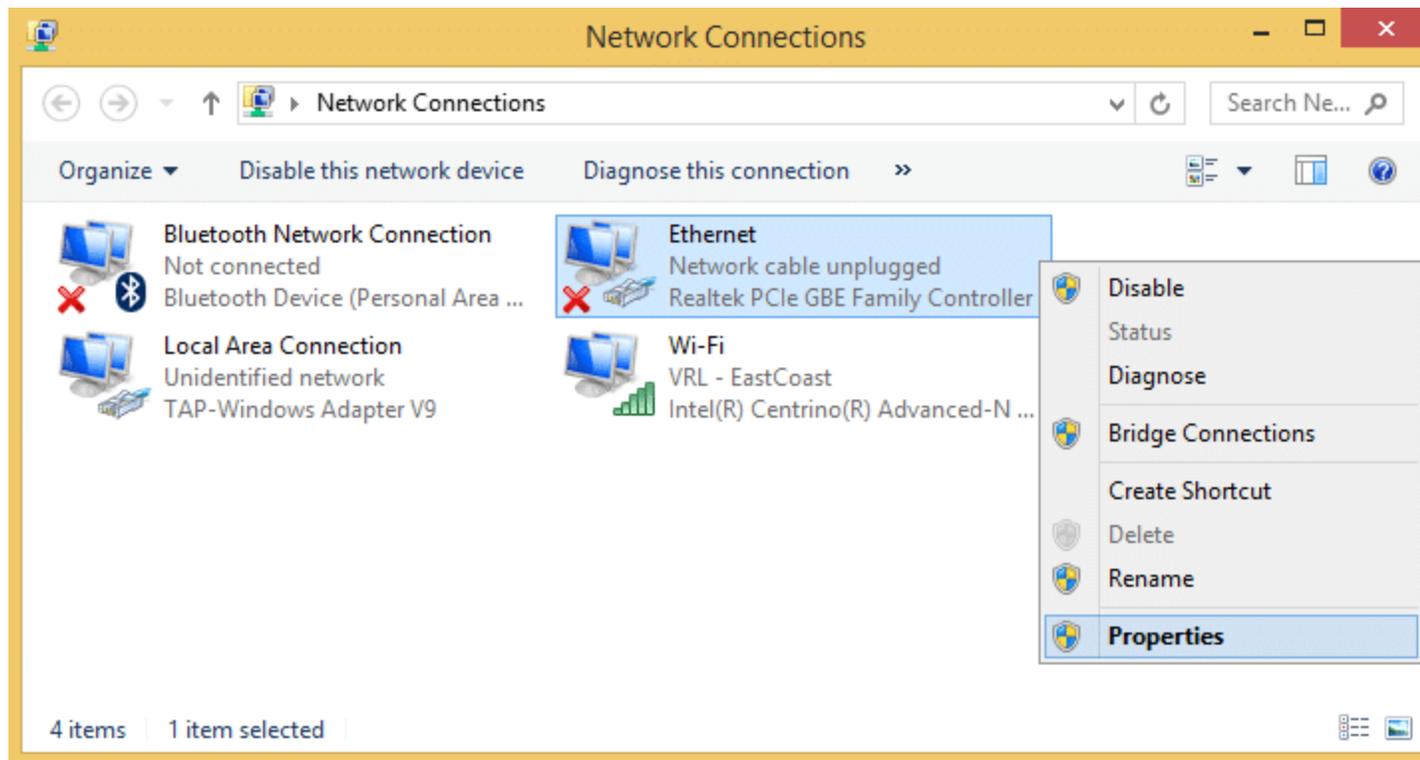
Revision 1.0
FEB 2019
Subject to change without notice

Scroll down the list and select "Internet Protocol Version 4 (TCP/IPv4)", then click the "Properties" button:

621 Technologies Inc.
410 Albany St. Petrolia ON
1-519-333-3361
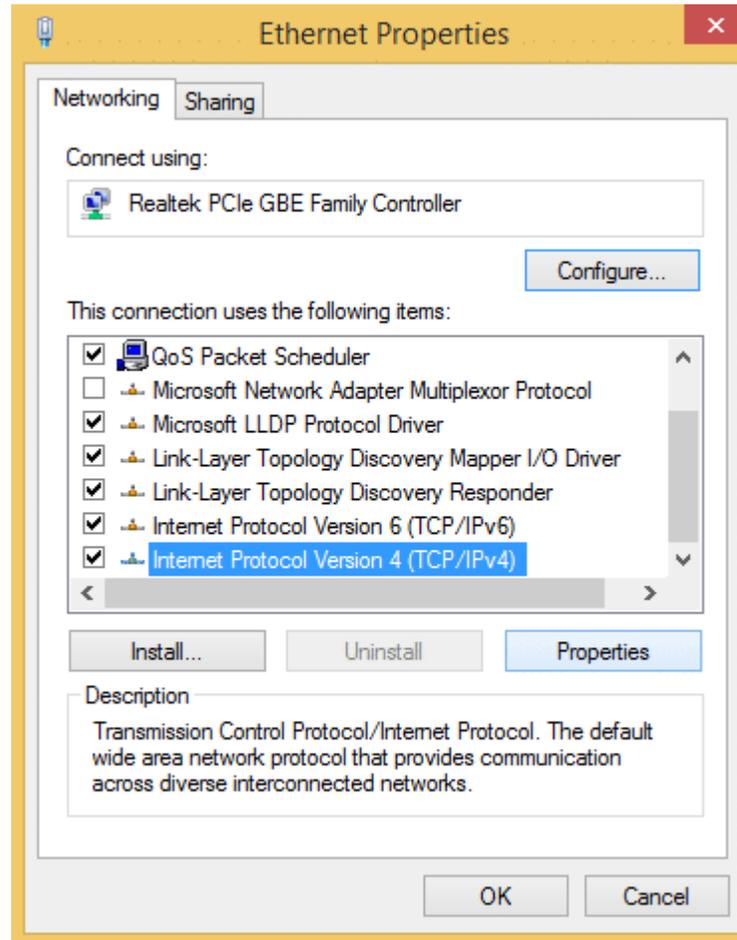
Revision 1.0
FEB 2019
Subject to change without notice

If "Use the following IP address" is selected, take note of the IP address. In this case it's 192.168.0.62 for the device , but your's must be different, you can choose one IP Adress From 192.168.0.0 to 192.168.0.61 :

General

You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.

○ Obtain an IP address automatically
● Use the following IP address:

IP address: 192 . 168 . 0 . 60
Subnet mask: 255 . 255 . 255 . 0
Default gateway: .   .

○ Obtain DNS server address automatically
● Use the following DNS server addresses:

Preferred DNS server: .   .
Alternative DNS server: .   .

☐ Validate settings upon exit   Advanced...

OK   Cancel

621 Technologies Inc.
410 Albany St. Petrolia ON
1-519-333-3361

Revision 1.0
FEB 2019
Subject to change without notice

Open a web browser and enter the IP address of your gateway (192.168.0.62). Log in to the web-based setup page using the default Username and Password: <u>admin</u>
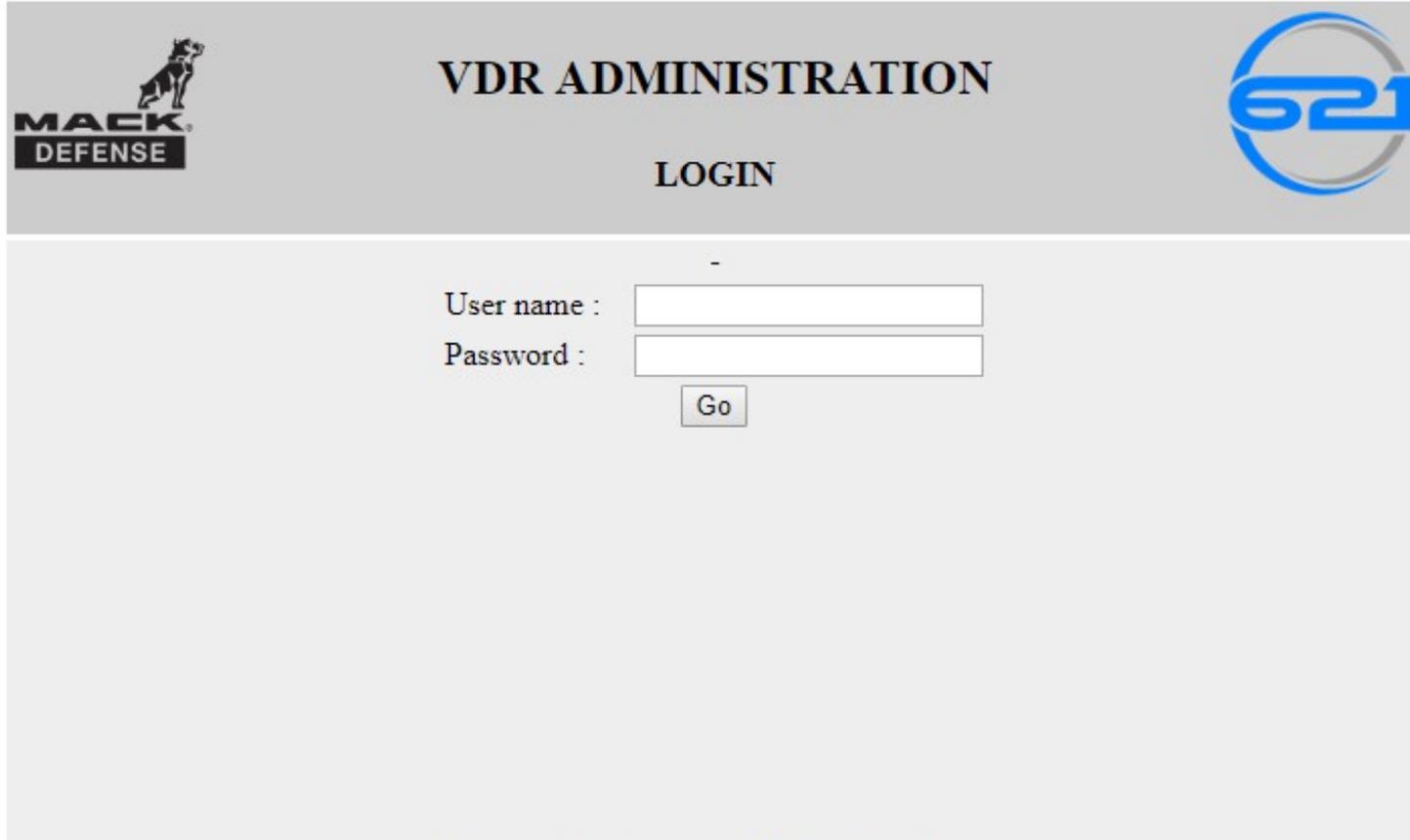
621 Technologies Inc.
410 Albany St. Petrolia ON
1-519-333-3361

Revision 1.0
FEB 2019
Subject to change without notice

Once connected, you will have access to the main menu and configuration submenus and to the general information of the device.

621 Technologies Inc.
410 Albany St. Petrolia ON
1-519-333-3361

Revision 1.0
FEB 2019
Subject to change without notice

VDR ADMINISTRATION

GLOBAL CONFIGURATION

<< Main menu

Truck ID	My Truck 1
CAN1 Bauderate	1 MBit/sec ▼
CAN2 Bauderate	1 MBit/sec ▼
Log data every : (ms)	1000
Log Event data every : (ms)	501
VDR Source Address	12
VDR Controll PGN	13

621 Technologies Inc. (c) 2019 Belii Alexandr - UI v.1.0.0.001

621 Technologies Inc.
410 Albany St. Petrolia ON
1-519-333-3361

Revision 1.0
FEB 2019
Subject to change without notice

VDR ADMINISTRATION

DATA DASHBOARD

<< Main menu   RUN

Download CSV

PGN	SA	Name	Units	Value	Status	Sycle	Byte	Bit
▼ SA:17 (7 items)								
▼ MSG:FEE617 (6 items)								
MSG:FEE617	SA:17	Year	Y	2019	RUN	186	5	0
MSG:FEE617	SA:17	Month	M	4	RUN	186	3	0
MSG:FEE617	SA:17	Day	D	11	RUN	186	4	0
MSG:FEE617	SA:17	Hours	h	13	RUN	186	2	0
MSG:FEE617	SA:17	Minutes	m	1	RUN	186	1	0
MSG:FEE617	SA:17	Seconds	s	30	RUN	186	0	0
▼ MSG:FEC117 (1 item)								

First | Prev | 1 | Next | Last

621 Technologies Inc. (c) 2019 Belii Alexandr - UI v.1.0.0.001

621 Technologies Inc.
410 Albany St. Petrolia ON
1-519-333-3361

Revision 1.0
FEB 2019
Subject to change without notice

VDR ADMINISTRATION

EVENTS

<< Main menu

From	11/04/2019 00:00	to	11/04/2019 23:59:59	Download CSV

Date	Event	Milage
▼ 2019.04.10 (40 items)		
▶ Top Speed (40 items)		
▶ 2019.04.11 (587 items)		

First Prev **1** Next Last

621 Technologies Inc. (c) 2019 Belii Alexandr - UI v.1.0.0.001

621 Technologies Inc.
410 Albany St. Petrolia ON
1-519-333-3361

Revision 1.0
FEB 2019
Subject to change without notice

VDR ADMINISTRATION
ADMINISTRATION ACCESS

MACK DEFENSE

621

<< Main menu

Current User name *:

Current Password *:

New user name *:

New password *:

Repeat password *:

Mandatory requirements:
- not less than 5 symbols;
- case sensitive;

Go

* Required fields

621 Technologies Inc. (c) 2019 Belii Alexandr - UI v.1.0.0.001

621 Technologies Inc.
410 Albany St. Petrolia ON
1-519-333-3361

Revision 1.0
FEB 2019
Subject to change without notice

VDR ADMINISTRATION
ADMINISTRATION ACCESS

<< Main menu

Current User name *: [   ]
Current Password *: [   ]

New user name *: [   ]   *Mandatory requirements:*
New password *: [   ]   *- not less than 5 symbols;*
Repeat password *: [   ]   *- case sensitive;*

[Go]

* Required fields

621 Technologies Inc. (c) 2019 Belii Alexandr - UI v.1.0.0.001

621 Technologies Inc.
410 Albany St. Petrolia ON
1-519-333-3361

Revision 1.0
FEB 2019
Subject to change without notice

VDR ADMINISTRATION
DEVICE SOFWARE VERSION CONTROL

<< Main menu

You can upload a new SW package to the device.

Select a file to upload : [Seleccionar archivo] No se eligió archivo

[Upload File and Update SW]

Manage existing SW packages.

Detected ~ 2 ~ available SW versions saved on the device :

[vdr-sw-2019_04_05_v1_0_001.pkg ▼]

[Install selected SW package]

621 Technologies Inc. (c) 2019 Belii Alexandr - UI v.1.0.0.001

621 Technologies Inc.
410 Albany St. Petrolia ON
1-519-333-3361

Revision 1.0
FEB 2019
Subject to change without notice

AVDR-J1A4-001 VEHICLE DATA RECORDER
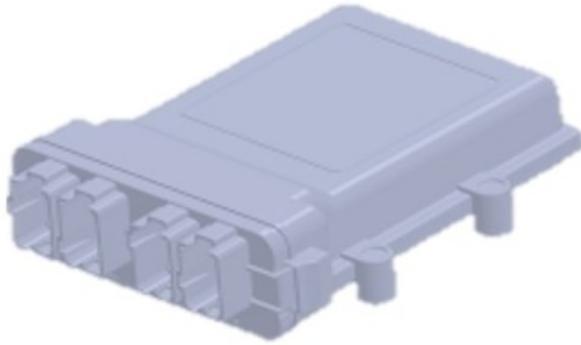
Description
The device is designed for mobile applications and features robust packing.

Features
- Operating temperature -40 to +85°C.
- Protocols include Generic CAN, J1939 or CAN Open protocol..
- Military grade conformally coating plus SilGuard potting.
- Field proven Deutsch DT Series connectors.
-

Product Stage:

Part Number	AVDR-J1A4-001 VDR	
Accessories		

Length	0	
Height	0	
Depth	0	
Material	PL	
Operating Temperature	-40°C to 85°C	
Voltage (Power)	6.5 - 38 VDC	
Auxiliary Inputs:		
Threshold voltage	3.2 V+/-5%	
Input Resistance	20 KΩ	
Supported Encoders	Zettlex IncOder	Netzer SSI Encoder
Serial Format	SPI / SSI / ASI	SSI1 - SSI9 , SSI2&7 SSI6(CRC) - Recommended
Data Sampling	10 to 22 bits	(per revolution)
Protocols	CAN / J1939 / CANOpen	
Baud Rate	250 kbit/s	

621 Technologies Inc.
410 Albany St. Petrolia ON
1-519-333-3361

Revision 1.0
FEB 2019
Subject to change without notice