
DriveView9

Guidebook

1. Applicable products of Driveview9

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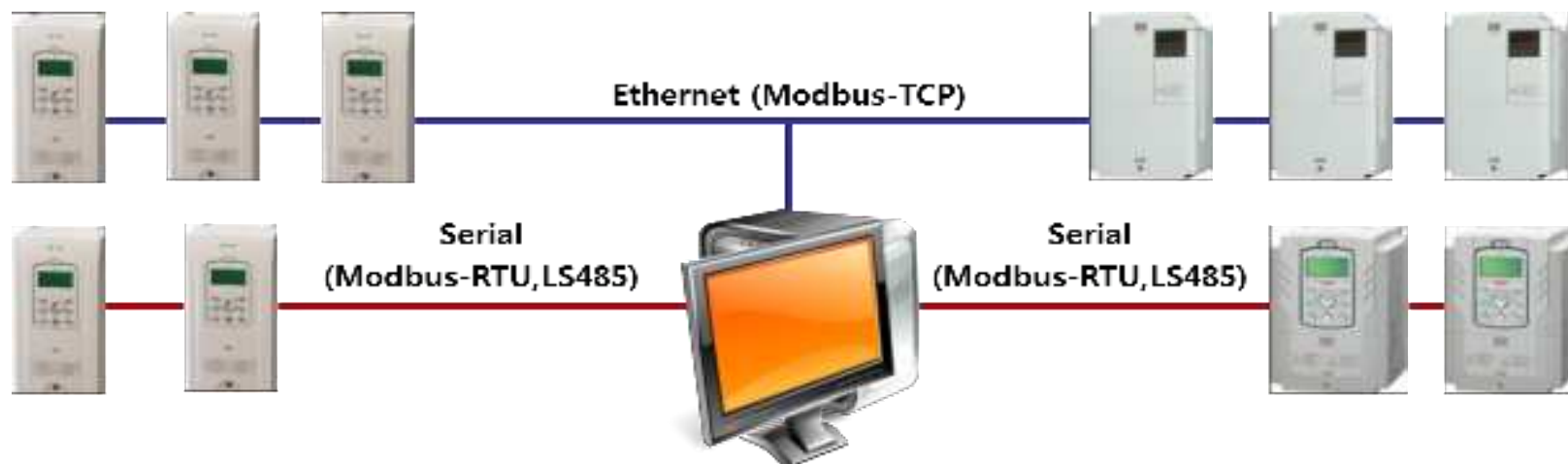
- DriveView7 is a software that was used before DriveView9. Driveview7 is only supported with older inverters. Even if it is a supported model, it is only available in a lower version of the OS environment, so be careful.
- If DriveView9 and Inverter cannot communicate with each other, check the table below to see if the OS version of the inverter is compatible with DriveView9, and use DriveView that supports the Inverter OS.

Drive		Driveview 9	Driveview 7	Driveview 3.3
iH		X	X	O
iE5		X	X	O
iC5		X	X	O
iG5A		O (Over V2.2)	O (Over V2.2)	O (Below V1.7)
iS5		X	X	O
iP5A	NEW	O (Over V1.00)	O (Over V1.00)	X
	OLD	X	X	O
iV5		O (Over V2.5)	O (Over V2.5)	O (Below V2.1)
iV5L		O	O	X
iS7		O	O	O (Below V1.0)
C100		O	O	X
M100		O	O	X
G100		O	X	X
S100		O	O	X
H100		O	O	X

2. Communication type(protocol)

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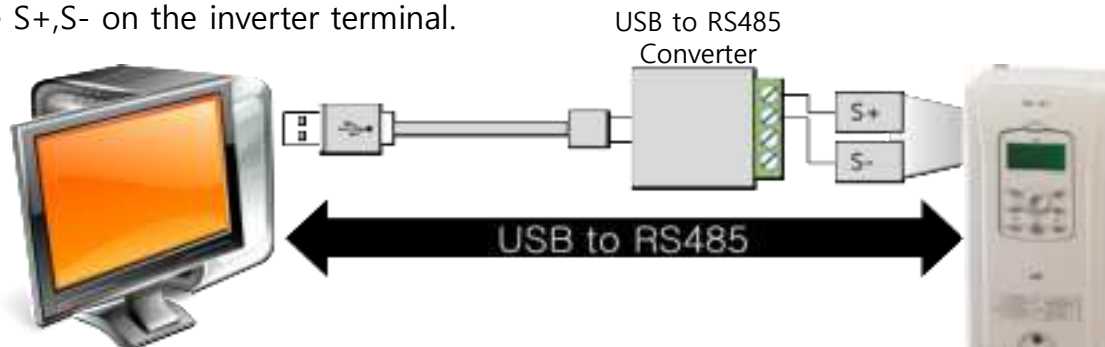
- DriveView9 supports three communication methods (Modbus-TCP, Modbus-RTU, LS485).
- Modbus-TCP: Industrial Ethernet Protocol Developed for Wide Area Network (WAN)
- Modbus-RTU : A standard protocol that is simple but can perform the functions necessary for equipment control and monitoring, and is released free of charge and widely used as a standard protocol.
- LS-485 : A dedicated protocol used only among LSELECTRIC products.



3. How to connect DriveView9

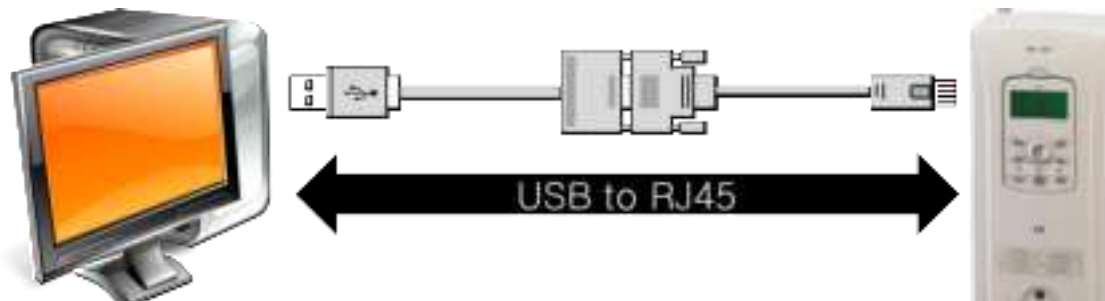
3. How to connect DriveView9

- 1) All models except M100 can be connected by RS485. iV5 requires communication option (LS485/Modbus-RTU)
The USB-RS485 uses a two-way signal converter. Connect the USB to the computer and wire the 485 line (+), (-) to the S+,S- on the inverter terminal.









- 2) iS7, H100, S100

- Use the USB-RJ45 (USB to RS232 + RS232 to RJ45) cable. Connect the USB to the computer and the RJ45 to the keypad port.
- See "Creating a Cable to Connect to the RJ45 Port and RS232" on the back page.



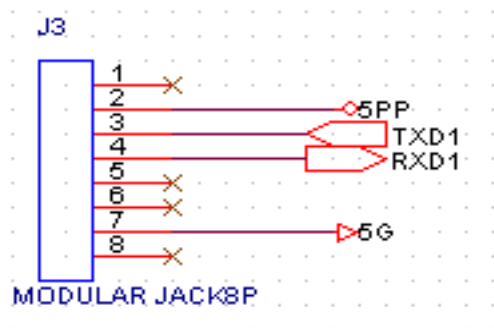
4. Convertor cable

4. Convertor cable

	Product(a wide use)				Goods for sale	
Photograph						
specification	Manufacturer : SystemBase Model name : Multi-1/USB RS232 USE: USB to RS232 converter	Product(a wide use) RJ45/RS232 converter	Product(a wide use) USB Type A to Mini B	Manufacturer : RealSYS Model name : CNV485U USE: USB to RS485 converter	Manufacturer : LSELECTRIC USE: RS232 to USB converter (iS7) Item code: 64090353	Manufacturer : LSELECTRIC USE: RS485(RJ45) to USB converter(G100,M100) Item code: 64090354
Application model	iS7, H100, S100		H100	iS7, H100, iP5A, S100, iG5A, G100, C100, iV5(when using options)	iS7, H100, S100	G100(Advanced I/O), M100

4. Converter cable

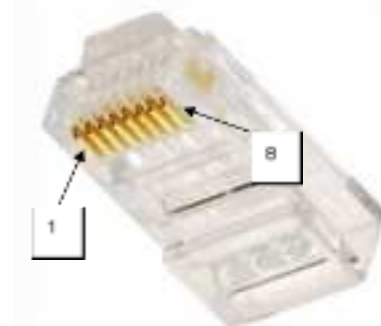
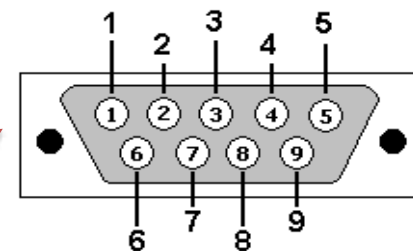
[Note] Creating a cable connecting the RJ45 Port to the RS232 (for iS7, H100, S100)



[Keypad RJ connector circuit section on inverter side]



[RJ45/RS232 convertor]



[Keypad RJ 45]

- After making the cable as shown below, connect it to the KPD of the inverter controller and the 232 terminal of the PC.

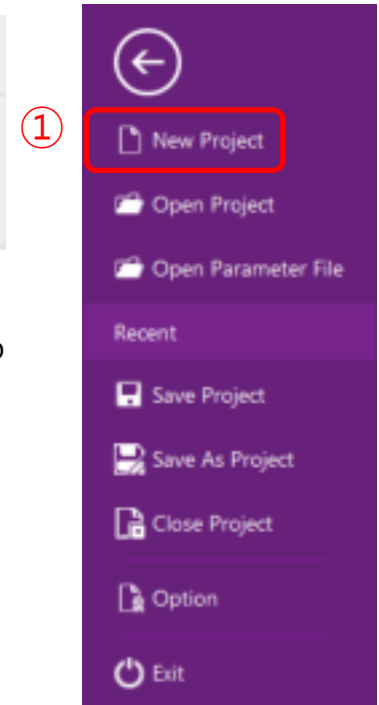
	RJ45	DSUB 9 Pin (Female)
TD	3Pin	2Pin
RD	4Pin	3Pin
Ground	7 Pin	5Pin

5. DriveView9 User's Guide

5. DriveView9 User's Guide – setting

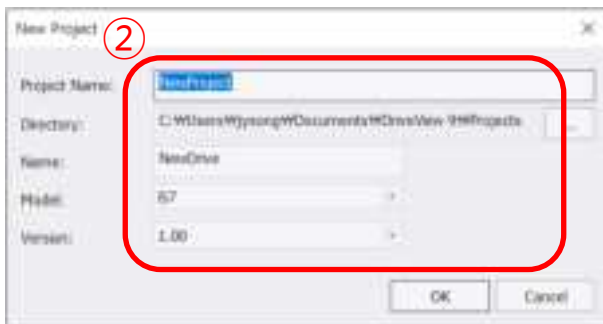
- Run DriveView9 installed on your computer.
- If driveview9 is not installed on your computer, download the 'DriveView9' installation file from the LSELECTRIC website (www.lselectric.co.kr) and install it on your PC.

When DriveView9 runs, click [New] in the upper left corner or File > New Project in the menu.



Create a project name and inverter model, and set a directory to store the project files. also
Select the product model and inverter version to connect to, and press OK.

*For iS7, version 1.00 is the standard (quantitative) version.



5. DriveView9 User's Guide

Click Settings > Modbus-RTU > Modbus-RTU right-hand Settings > Check COM-01 Int485 St Number 1
> Auto scanning port > Scan > OK > Connect

1. Click the **Settings** button in the top toolbar.

2. In the **Connections** list, select **Modbus-RTU**.

3. Click the **Setting...** button next to **Modbus-RTU**.


4. In the **Setting COM Port** dialog, set **Station No.** to **1**.

5. Check the **Auto scanning port** checkbox.

6. In the **Auto Scanning Port** dialog, click the **Scan** button.

7. Click the **OK** button in the **Auto Scanning Port** dialog.

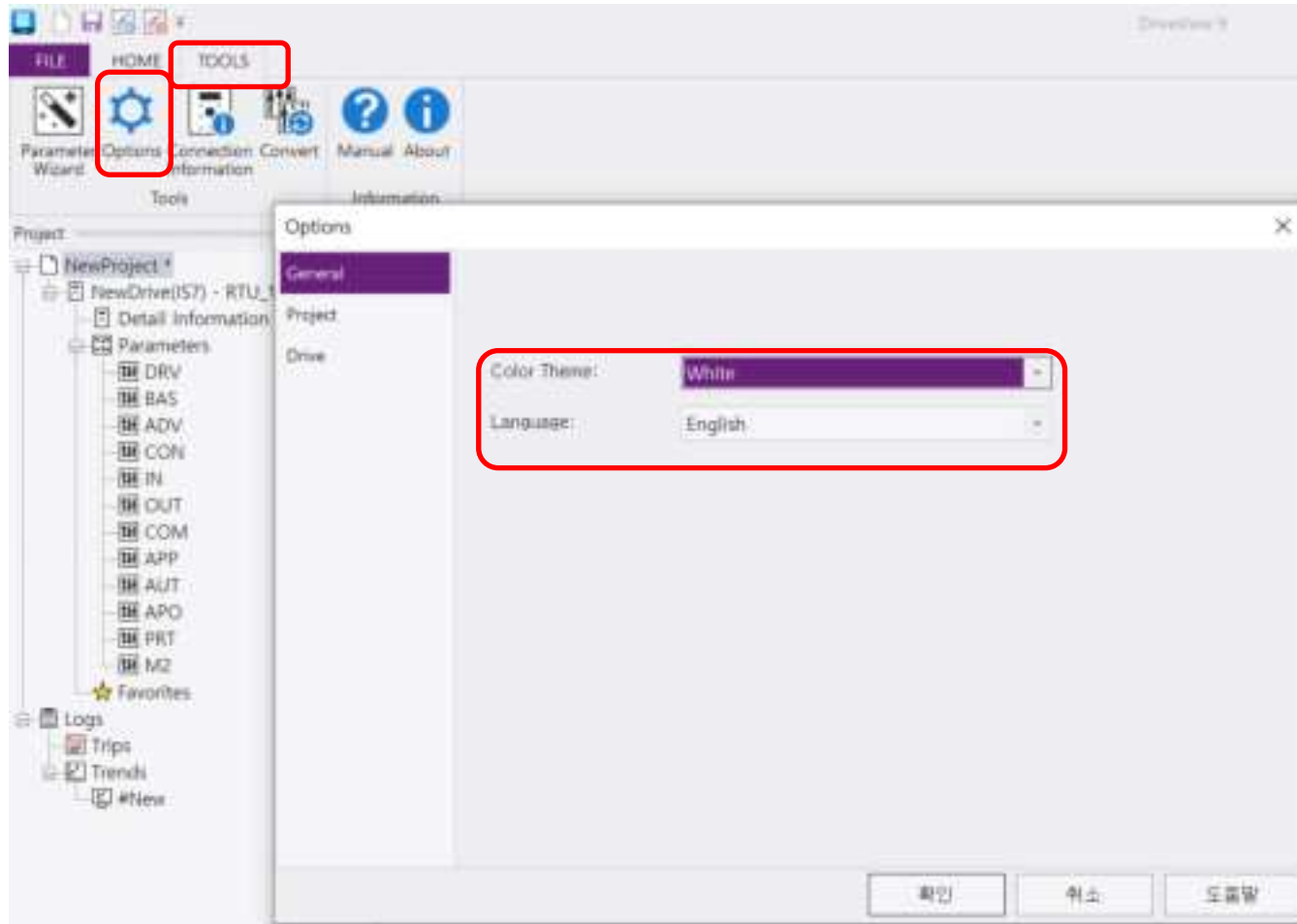
8. Click the **Connect** button in the **Connection Settings** dialog.

• Communication speed can be set at COM-03, initial value is 9600bps
• If you use  < this cable, Please set Baudrate 19200bps

5. DriveView9 User's Guide

Click Tools > Options

- ① DriveView9 is language-enabled. The languages are English and Korean in two ways.
- ② You can also select a theme color. The colors are Blue, Dark, and White.



5. DriveView9 User's Guide

Click 'Parameter' to read parameters from Drive.

Check the parameter items you want to read.

