VEICHI

VEICHI VH Series Ethernet(TCP)

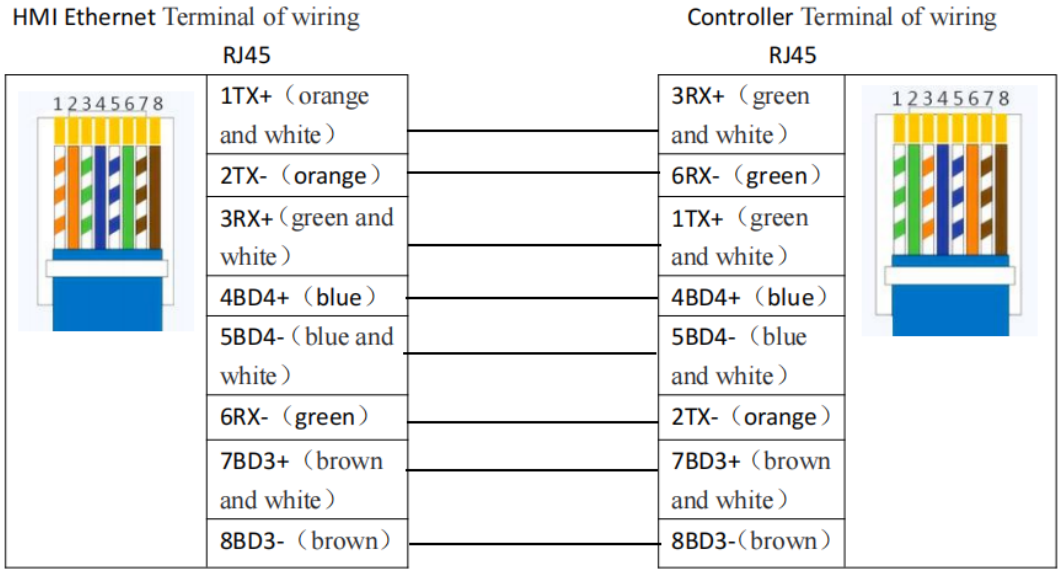
Directory

❖ 1 Introduction to Driver

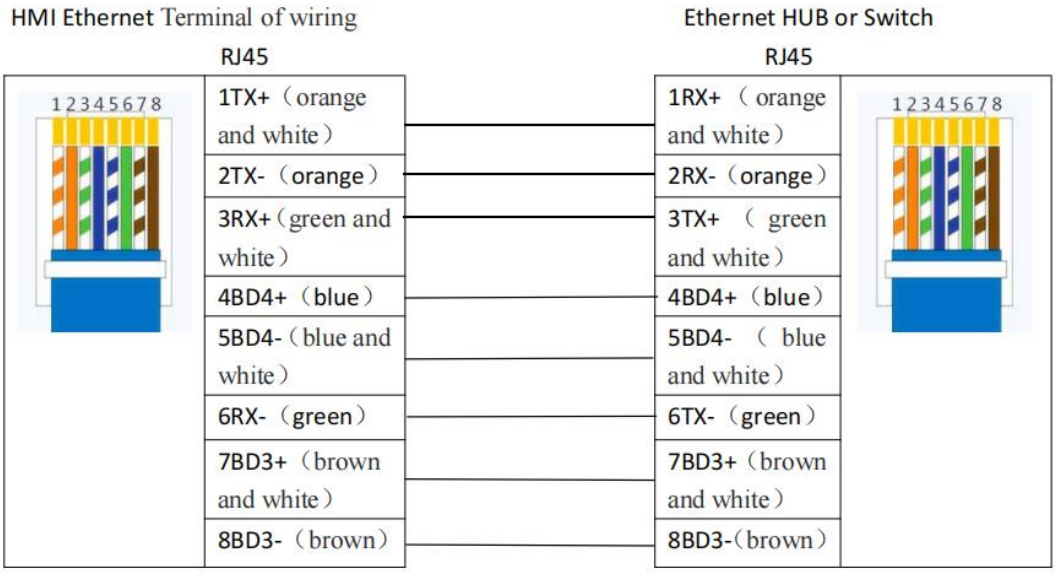
Drive Protocol	VEICHI V5 Series Ethernet(TCP)
PLC Model	VH311
Means of communication	1:1 、1:n 、n:1(The number of connected HMIs depends on the external controller)
PLC interface	Ethernet
PLC station number	502
On line simulation	Support

Hardware wiring method: PLC does not communicate with HMI directly through HUB or SWITCH, then use crossover network cable; if it communicates with HMI through HUB or SWITCH, then use either direct connection or crossover network cable.

A.Crossover cable wiring diagram



B.Wiring diagram of the direct cable



❖ 2 HMI Configuration

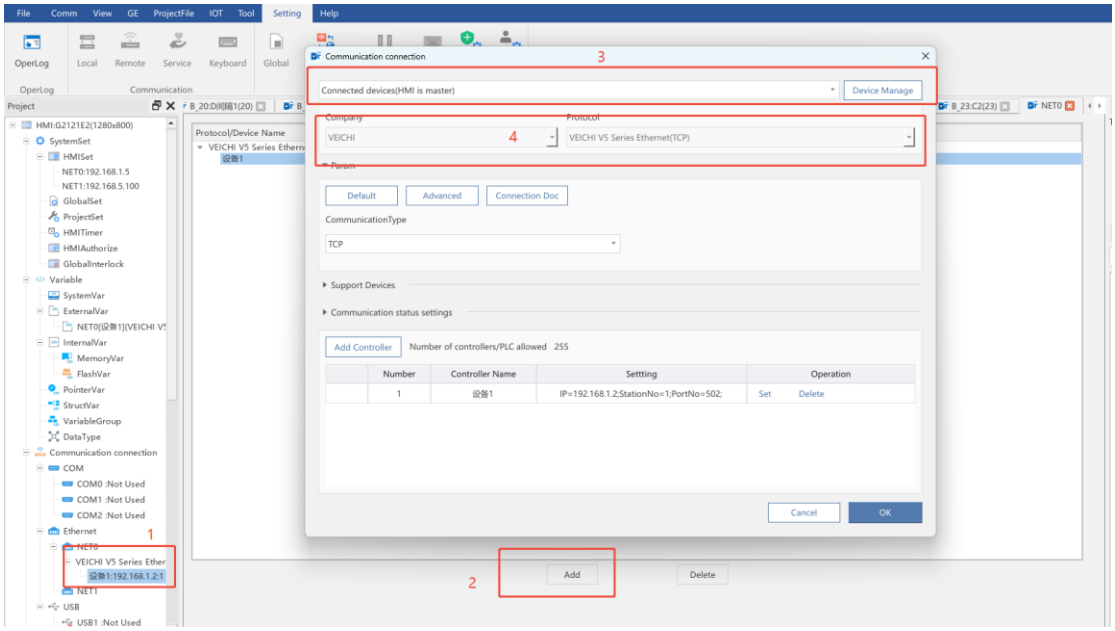
➢ Add driver protocol

(1) Project-Ethernet: Select the network port where you need to add the driver

(2) Select the connection device as the main devicel

(3) Select the corresponding driver protocol of VEICHI

(4) Configure the controller IP/StationNo/PortNo --- just keep the same parameters with the actual controller



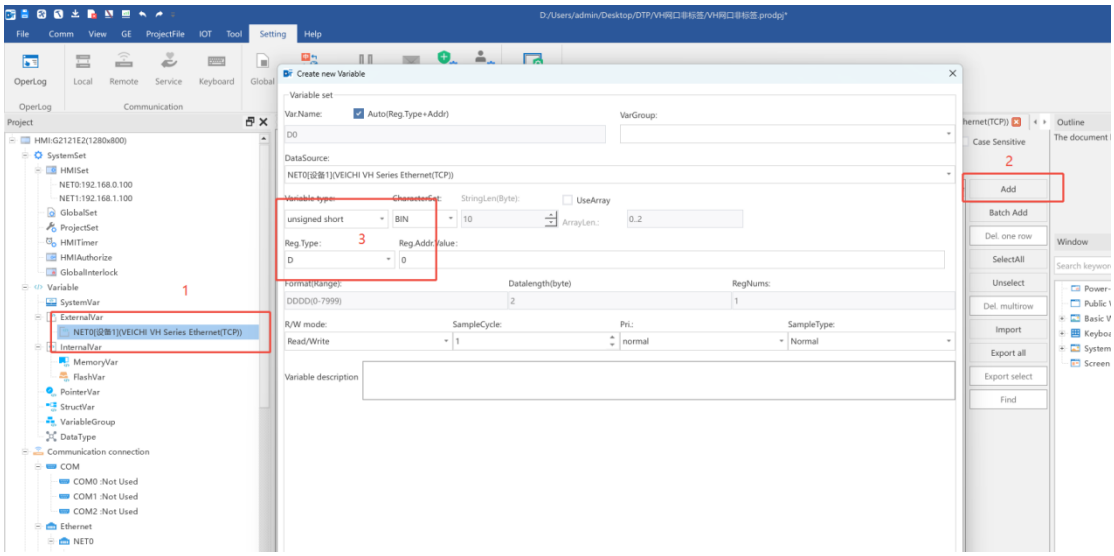
➢ Add Variable

(1) Variable - ExternalVar Select the PLC for which you want to create a variable

(2) Click Create on the right to create according to the desired data type，Variables of the same

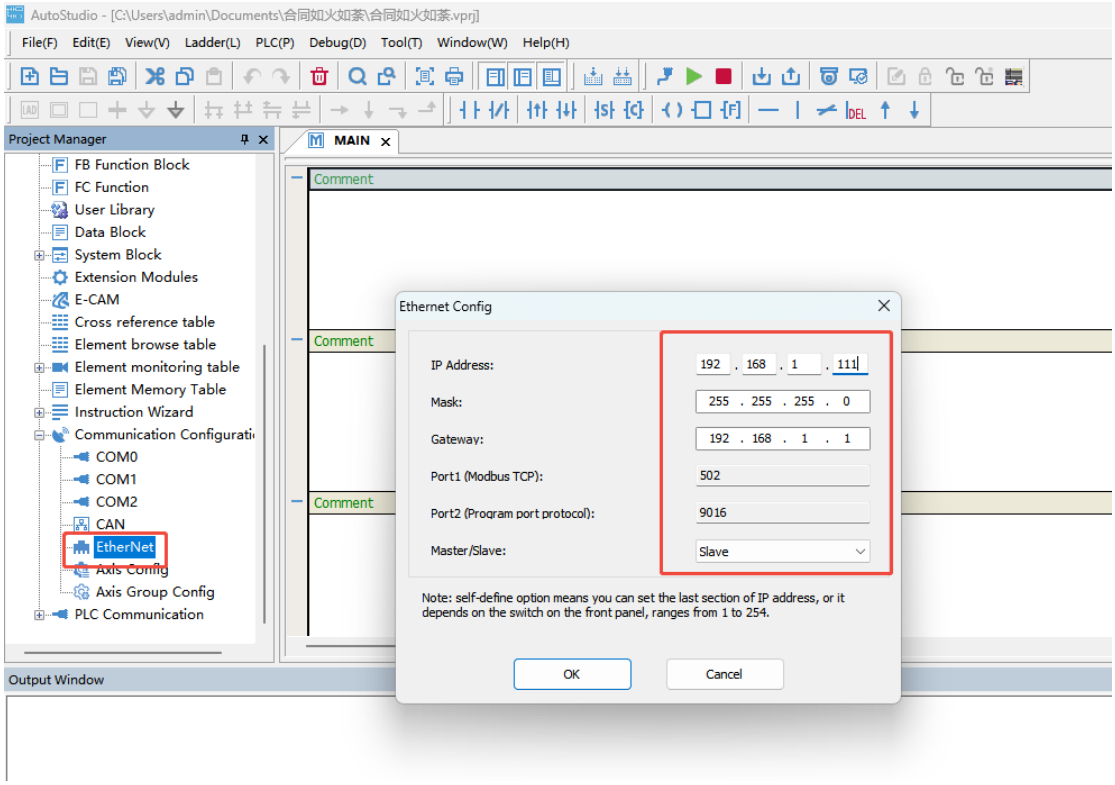
type can be created in batches

(3) Information filtering view, can be filtered by each data screening above



❖ 3 External Controller Configuration

PLC IP Setting



❖ 4 Supported Register Types

➢ Support M1、M2、SM1、SM2、S1、S2、T1、T2、C1、C2、X、Y、D、SD1、SD2、R、

T1、T2、C、CD1（dword）、CD2（dword）

Device	Bit Address	Word Address	Format
M1	M0-M2047	------	DDDD
M2	M2048-M10239	------	DDDDD
SM1	SM0-255	------	DDD
SM2	SM256-1023	------	DDDD
S1	S0-1023	------	DDDD
S2	S1024-4095	------	DDDD
T1	T0-255	------	DDD
T2	T256-511	------	DDD
C1	C0-255	------	DDD
C2	C256-511		DDD
X	X0-777	------	OOO
Y	Y0-777	------	OOO
D	------	D0-7999	DDDD
SD1	------	SD0-255	DDDD
SD2	------	SD256-1023	DDDD
Z	------	Z0-15	DD
R	------	R0-32767	DDDDD
T1	------	T0-255	DDD
T2	------	T256-511	DDD
C	------	C0-199	DDD
CD1	------	C200-255	DDD
CD2	------	C256-263	DDD

❖ 5 Advanced parameters and error messages

Reference Manual - Communication "Advanced Parameters" and "Error Messages Table"