## Setting up the HDV300 Camera IP Address

Right-click on the network icon and click Open Network and Sharing Center.



Click on Change adapter settings on the left hand side.

🕞 - 👱 🕨 Control Panel 🕨	Network and Internet   Network and Sharing Center  Vetwork and Internet  Network and Sharing Center  Vetwork and Internet  Network and Sharing Center  Vetwork and Internet  Network and Sharing Center  Vetwork and Internet  Network and Sharing Center  Vetwork and Internet  Network and Sharing Center  Vetwork and Internet  Network and Sharing Center  Vetwork and Internet  Network and Sharing Center  Vetwork and Internet  Network and Sharing Center  Vetwork and Internet  Vetwork and Internet  Network and	_
Control Panel Home	View your basic network information and set up connections	
Change adapter settings	See full map	
Change advanced sharing settings	STARRETT-PC Internet (This computer)	
	View your active networks Connect to a network You are currently not connected to any networks.	
	Change your networking settings	
	Set up a new connection or network Set up a wireless, broadband, dial-up, ad hoc, or VPN connection; or set up a router or access point.	
	Connect to a network Connect or reconnect to a wireless, wired, dial-up, or VPN network connection.	
	Choose homegroup and sharing options	
	Access files and printers located on other network computers, or change sharing settings.	
See also	Troubleshoot problems	
HomeGroup Internet Ontions	Diagnose and repair network problems, or get troubleshooting information.	
Internet Options		

Right-click on the Local Area Connection underneath it may say "Unidentified Network" in light gray.

				×
Control Panel > Network a	nd Internet 🔸 Network Connections 🕨	<b>▼</b> 49	Search Network Connections	Q
Organize 🔻 Disable this network device	Diagnose this connection Rename this connection	»	₩ <b>-</b> ▼	
Local Area Connection 4 Network cable unplugged Realtek PCIe GBE Family Controller	Local Area Connection 5 Network cable unplugged Intel(R) Gigabit CT Desktop Adapt			

## **Click on Properties**

					X
😋 💭 = 😰 🕨 Control Panel 🕨 Network and	Internet 🕨 Network	k Connections 🔸	✓ ✓ Search Network (	Connections	Q
Organize   Disable this network device	Diagnose this conn	ection Rename this connection	»		0
Local Area Connection 4 Network cable unplugged Realtek PCIe GBE Family Controller	Local Area Network Intel(R)	Connection 5 Disable Status Diagnose Bridge Connections Create Shortcut Delete Rename Properties			
				<u> </u>	

Click on Configure to check the Jumbo Frames

	עי	
Connect using:		
Intel(R) Giga	abit CT Desktop Adapte	er
		Configure
This connection u	ses the following items:	
Client for	Microsoft Networks	
QoS Pac	ket Scheduler	2024/2029 12:5
File and F	Printer Sharing for Micro	osoft Networks
🗹 🛶 Internet F	Protocol Version 6 (TCP	P/IPv6)
	Protocol Version 4 (TCP	//Pv4)
Link-Laye	er Topology Discovery I	Mapper I/O Driver
🗹 🛶 Link-Laye	er Topology Discovery I	Responder
I <u>n</u> stall	Uninstall	Properties
Description		
Transmission Co	ontrol Protocol/Internet	Protocol. The default
wide area netwo	ork protocol that provid	les communication
across diverse i	nterconnected network	CS.

Open the Advanced tab.



Select Jumbo Frames from the list and under Value change to 9014 Bytes. (If you cannot select then this the value has already been set. Move to the next step.



Select Internet Protocol Version 4 (TCP/IPv4) and click Properties.

55000-00-00-00-00-00-00-00-00-00-00-00-0	Sharing		
Connect us	sing:		
👰 Intel	(R) Gigabit CT	Desktop Adapter	
This conne	ection uses the	following items:	Configure
🗹 🖳 a	ient for Microso	oft Networks	
🗹 🗐 Q	oS Packet Sch	neduler	
🗹 📙 Fi	le and Printer S	Sharing for Microso	oft Networks
🗹 🔺 In	ternet Protocol	Version 6 (TCP/I	IPv6)
🗹 🚣 In	ternet Protocol	Version 4 (TCP/I	IPv4)
🗹 🔺 Li	nk-Layer Topol	logy Discovery Ma	apper I/O Driver
🗹 🔺 Li	nk-Layer Topol	logy Discovery Re	esponder
Insta	all	<u>U</u> ninstall	Properties
Descriptio	on		
	ssion Control Pr	rotocol/Internet P	rotocol. The default
Iransmis	a network prot	ocol that provides	s communication
Transmis wide are		inected networks.	
Transmis wide are across d	iverse intercon		
Transmis wide are across d	liverse intercon		

Select "Use the following IP Address." Set the IP address to 192.168.2.1 If you click in the subnet mask row it will auto populate and then click "OK"

You can get IP settings assigned this capability. Otherwise, you r for the appropriate IP settings.	d automatically if your network supports need to ask your network administrator
Obtain an IP address autor	matically
• Use the following IP addres	55:
IP address:	192.168.2.1
S <u>u</u> bnet mask:	255.255.0
Default gateway:	2 (x ) x
Obtain DNS server address	automatically
() Use the following DNS serv	er addresses:
Preferred DNS server:	
Alternate DNS server:	
Validate settings upon exi	t Ad <u>v</u> anced

Go to the Start Menu  $\rightarrow$  Programs  $\rightarrow$  sentech  $\rightarrow$  StGigE-Package  $\rightarrow$  StCamGigEWare  $\rightarrow$  StCamGigEWare

<ul> <li>Windows Update</li> <li>XPS Viewer</li> </ul>	
Jaccessories	Starrett
🔰 Games	
🍌 Intel	Documents
🍌 Java	
J M3 Measuring Software	Pictures
Jaintenance Microsoft Silverlight	Music
OpenOffice 4.0.1 QuickTime	Computer
iii sentech iii StGigE-Package	Control Panel
Driver Installation Tool DirectShowFilter	Devices and Printers
StCamGigEWare	Default Programs
J StGigE SDK	Help and Support
🚽 StGigEGammaTable 👻	
4 Back	
Search programs and files	Shut down 🔸

**Click Connect.** 

Camera IP Address	0/0 (Max 4)
Model	
MAC Address	
NIC IP Address	
User Name	
IP Address initialization Save	
Packet Size Setting Packet size	
Connect Disconnect	ОК

Check the box at the bottom left for "Show unreachable GigE Vision Devices" then select the STC\_SC500POE 00:XX:XX:XX device then click "Set IP Address..."

System	Description	Intel(R) Gigabit CT Desktop Adapte	
eBUS Interface 68:05:ca: 18:86:37 [192. 168.2.1]	MAC	68:05:ca:18:86:37	
STC_SC500POE 00:11:1c:f5:fe:08 [192.168.2.2]	IP Address	192, 168, 2, 1	
🕮 Network Interface ec:a8:6b:f8:45:c3 [0.0.0.0]	Subnet Mask	255.255.255.0	
	Default Gateway	0.0.0.0	
	GigE Vision Device In	formation	
	MAC	00:11:1c:f5:fe:08	
	IP	192.168.2.2	
	Subnet Mask	255.255.0.0	
	Default Gateway	0.0.0.0	
	Vendor	SENSOR TECHNOLOGY CO., LTD	
	Model	STC_SC500POE	
	Access Status	Open	
	Manufacturer Info	www.sentech.co.jp (00150622)	
	Version	2.0011 (02.05.08)	
	Serial Number		
	User Defined Name	Sentech Camera	
	Protocol Version	1.2	
	IP Configuration	Valid	
	License	Valid	
	Device Class	Transmitter	

Set the IP Address to 192.168.2.2 and click "OK"

IAC Address     68:05:ca:18:86:37       P Address     192.168.2.1       ubnet Mask     255.255.255.0       refault Gateway     0.0.0.0       igE Vision Device IP Configuration       IAC Address     00:11:1c:f5:fe:08       P Address     192.168.2.1	-	-				0.00			-9
P Address       192.168.2.1         ubnet Mask       255.255.255.0         refault Gateway       0.0.0.0         igE Vision Device IP Configuration         IAC Address       00:11:1c:f5:fe:08         P Address       192.168.2.1	MAC Address	6	8:	05:ca	1:1	8:86	:3/	8	
ubnet Mask 255.255.255.0 efault Gateway 0.0.0.0 igE Vision Device IP Configuration IAC Address 00:11:1c:f5:fe:08 2 Address 192 , 168 , 2 , 2	P Address			192.1	168	3.2.1			
efault Gateway       0.0.0.0         igE Vision Device IP Configuration         IAC Address       00:11:1c:f5:fe:08         Address       192 , 168 , 2 , 2	Subnet Mask		2	55.25	55.	255.	0		
igE Vision Device IP Configuration IAC Address 00:11:1c:f5:fe:08 Address 192 , 168 , 2 , 2	Default Gateway	[		0.0	0.0	.0			1
IAC Address         00:11:1c:f5:fe:08           Address         192 . 168 . 2 . 2	GigE Vision Device If	<sup>o</sup> Config	jur	ation					
Address 192 . 168 . 2 . 2	MAC Address	(	00	:11:1	c:f	f5:fe:	08	S.	
	P Address	192	•	168	•	2	3	2	0
ubnet Mask 255 . 255 . 255 . 0	Subnet Mask	255	•	255	×	255	•	0	
efault Gateway 0 . 0 . 0 . 0	Default Gateway	0	÷	0	÷	0	÷	0	

## Click "OK"

System	Description	Intel(R) Gigabit CT Desktop Adapter
eBUS Interface 68:05:03:18:86:37 [192.168.2.1]	MAC	68:05:ca:18:86:37
Network Interface, ec:a8:6b:f8:45:c3 [0, 0, 0, 0]	IP Address	192.168.2.1
	Default Gateway	0.0.0.0
	GigE Vision Device In	formation
	MAC	00:11:1c:f5:fe:08
	IP	192.168.2.2
	Subnet Mask	255.255.255.0
	Default Gateway	0.0.0.0
	Vendor	SENSOR TECHNOLOGY CO., LTD
	Model	STC_SC500POE
	Access Status	Open
	Manufacturer Info	www.sentech.co.jp (00150622)
	Version	2.0011 (02.05.08)
	Serial Number	
	User Defined Name	Sentech Camera
	Protocol Version	1.2
	IP Configuration	Valid
	License	Valid
	Device Class	Transmitter
Show unreachable GigE Vision Devices	J L	

Click the "Save" button.

Camera IP Address	192.168. 2. 2	1/1 (Max 4)
Model	STC_SC500POE	
MAC Address	00:11:1C:F5:FE:08	
NIC IP Address	192.168. 2. 1	
User Name	Sentech Camera	
IP Address initialization	Save	
Packet Size Setting	Packet size	

Select "Current IP Address is maintained" and click "OK"

IP Address is automa	atically acquired.
Ourrent IP Address i	is maintained.
Device IP Address	192.168. 2. 2
Device Subnet Mask	255.255.255. 0

Click "OK"



Click "OK"

Camera IP Address	192.168. 2. 2	1/1 (Max 4)
Model	STC_SC500POE	
MAC Address	00:11:1C:F5:FE:08	
NIC IP Address	192.168. 2. 1	
User Name	Sentech Camera	
IP Address initialization	Save	
Packet Size Setting	Packet size	

A window will open if it shows anything in any color you're all set. Close this window and proceed to the M3 Measuring software.

