# SENTECH

Sentech GigE Vision Camera

Technical Note:

The procedure to load the factory setting

Sensor Technology Co., Ltd

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## Introduction:

This technical note mentions how to load the factory setting on Sentech GigE camera. This procedure

### support on GigE Standard model (STC-GE/GEC), GigE PoE model (STC-SC/SB\*\*POE), GigE PoE

High Speed Model (STC-SC/SB\*\*POEHS) and PowerPlus Model.

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#### 1 The Procedure for Loading Factory Default

- 1) Connect the FPGA uploading GigE Vision camera, and then power-on the camera.
- 2) Setup the camera with StGigE Player after rebooting the camera.
- 3) Connect the camera by selecting the "Select/Connect" button.

Gig StGigEPlayer		
<u>F</u> ile <u>T</u> ools <u>H</u> elp		
Connection	Display	
Select / Connect Disconnect		
IP address		
MAC address		
Manufacturer		
Model		
Name		
Acquisition Control		
Source		
Mode		
Play Stop		
Parameters and Controls		
Communication control		
Device central		
Image stream control		

4) Select "GigE Device control" after connecting the camera.

🗤 StGigEPlayer				
<u>F</u> ile <u>T</u> ools <u>H</u>	lelp			
Connection		Display		
Select / Co	Disconnect			
IP address	169.254.76.0			
MAC address	00-11-1c-f5-12-6c			
Manufacturer	SENSOR TECHNOLOGY CO., LTD			
Model	STC_GEC83A			
Name				
-Acquisition Cont	trol			
Source	<b></b>			
Mode	Continuous 🔻			
Flay	Stop			
Parameters and	l Controls			
	Communication control			
	Device control			
	Image stream control	Stream: 0 images N/A FPS N/A Mbps Display: N/A FPS Error count: 0 Last error: N/A		



5) Change the setting with "GigE Device control" window.

JIGE DEVICE CONTROL	
Ž↓ ° Visibility Begin	ner 💌 🕺
GevCurrentSubnetMask	255.255.255.0
GevCurrentDefaultGateway	0.0.0.0
GevPersistentIPAddress	0.0.0.0
GevPersistentSubnetMask	0.0.0.0
GevPersistentDefaultGateway	0.0.0.0
GevIPConfigurationStatus	ForceIP
UserSetControl	
UserSetSelector	Default
UserSetLoad	{Command}
UserSetSave	{Not available}
UserSetDefaultSelector	UserSet1
SpecialFeatures	
🖃 Others	
SmearHalfReduction	Off
🗉 GammaTable	
ReloadGammaData	{Command}
GammaMode	Off
LightControl	
ShutterControl	
	4

A) Make sure "UserSetSelector" is on "Default".Select. Then select the "UserSetLoad" and click the "UserSetLoad" button on the right side of this box.

	UserSetLoad	UserSetLoad		
Select "UserS	et1" on UserSetSelector.			
	UserSetSelector	UserSet1		
Click ` UserSet	Save ` button on "UserSetSave".			
	UserSetSave	UserSetSave		
if "UserSetDefaultSelector" is not "UserSet1". Please change to "UserSet1".				
	UserSetDefaultSelector	UserSet1		

B)

C)

D)



A) Click below area at "GigE Device Control" window before close "GigE Device Control" window. The camera may not work correctly if close "GigE Device Control" without click.



6) Changed statuses are shown in the window below. And close this window. Factory setting have already been loaded.

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GevCurrentSubnetMask	255.255.255.0	~
GevCurrentDefaultGateway	0.0.0	
GevPersistentIPAddress	0.0.0	
GevPersistentSubnetMask	0.0.0	
GevPersistentDefaultGateway	0.0.0.0	
GevIPConfigurationStatus	ForceIP	
- osciseccontrol		
UserSetSelector	UserSet1	~
UserSetLoad	{Command}	
UserSetSave	{Command}	
UserSetDefaultSelector	UserSet1	
SpecialFeatures		
- Others		-
	Off	
SmearHalfReduction		
SmearHalfReduction		
SmearHalfReduction  GammaTable ReloadGammaData	{Command}	
SmearHalfReduction  GammaTable ReloadGammaData GammaMode	{Command} Off	
SmearHalfReduction GammaTable ReloadGammaData GammaMode LightControl	{Command} Off	
SmearHalfReduction GammaTable ReloadGammaData GammaMode LightControl ShutterControl	{Command} Off	



#### **Revision History**

Rev	Date	Changes	Note
1.00	2013/01/25	New document	

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