

## ISGCamera Tango Cpp Class

### Contents :

- [Description](#)
  - [Properties](#)
  - [Commands](#)
    - [State](#)
    - [Status](#)
    - [Start](#)
    - [Stop](#)
    - [Clear](#)
    - [Record](#)
    - [Save](#)
    - [WriteSocket](#)
  - [Attributes](#)
  - [States](#)
- 

### ISGCamera Class Identification :

Contact : at mail.desy.de - tnunez  
Class Family : Instrumentation  
Platform : Unix Like  
Bus : Ethernet  
Manufacturer : ISG  
Manufacturer ref. : XL Camera

### ISGCamera Class Inheritance :

- [Tango::DeviceImpl](#)
  - ISGCamera

### ISGCamera Class Description :

Class for controlling the XL Camera from ISG

---

## ISGCamera Properties :

There is no class properties

Device Properties			
Name	Description	Type	Default Value
Hostname	Name of the computer running the camera software.	String	none
PortNb	Port for talking to the camera	int	none
SimulationMode	0 -> real mode, 1 -> simulation mode	int	none

---

ISGCamera Class Commands				
Name	Input type	Output type	Level	Description
<a href="#">State</a>	DEV_VOID	DEV_STATE	OPERATOR	This command gets the device state (stored in its device_state data member) and returns it to the caller.
<a href="#">Status</a>	DEV_VOID	CONST_DEV_STRING	OPERATOR	This command gets the device status (stored in its device_status data member) and returns it to the caller.
<a href="#">Start</a>	DEV_VOID	DEV_VOID	OPERATOR	None.
<a href="#">Stop</a>	DEV_VOID	DEV_VOID	OPERATOR	None.
<a href="#">Clear</a>	DEV_VOID	DEV_VOID	OPERATOR	None.
<a href="#">Record</a>	DEV_VOID	DEV_VOID	OPERATOR	None.
<a href="#">Save</a>	DEV_VOID	DEV_VOID	OPERATOR	None.
<a href="#">WriteSocket</a>	DEV_STRING	DEV_VOID	OPERATOR	Write command to the camera software.

---

## **Command State :**

This command gets the device state (stored in its device\_state data member) and returns it to the caller.

<b>State Definition</b>		
Input Argument	Tango::DEV_VOID	none
Output Argument	Tango::DEV_STATE	Device state
DisplayLevel	OPERATOR	..
Inherited	true	..
Abstract	true	..
Polling Period	Not polled	..
Command allowed for	All states	..

---

## **Command Status :**

This command gets the device status (stored in its device\_status data member) and returns it to the caller.

<b>Status Definition</b>		
Input Argument	Tango::DEV_VOID	none
Output Argument	Tango::CONST_DEV_STRING	Device status
DisplayLevel	OPERATOR	..
Inherited	true	..
Abstract	true	..

Polling Period	Not polled	..
Command allowed for	All states	..

---

**Command Start :**

Start Definition		
Input Argument	Tango::DEV_VOID	
Output Argument	Tango::DEV_VOID	
DisplayLevel	OPERATOR	..
Inherited	false	..
Abstract	false	..
Polling Period	Not polled	..
Command allowed for	All states	..

---

**Command Stop :**

Stop Definition		
Input Argument	Tango::DEV_VOID	
Output Argument	Tango::DEV_VOID	
DisplayLevel	OPERATOR	..
Inherited	false	..
Abstract	false	..
Polling Period	Not polled	..

Command allowed for	All states	..
---------------------	------------	----

---

**Command Clear :**

Clear Definition		
Input Argument	Tango::DEV_VOID	
Output Argument	Tango::DEV_VOID	
DisplayLevel	OPERATOR	..
Inherited	false	..
Abstract	false	..
Polling Period	Not polled	..
Command allowed for	All states	..

---

**Command Record :**

Record Definition		
Input Argument	Tango::DEV_VOID	
Output Argument	Tango::DEV_VOID	
DisplayLevel	OPERATOR	..
Inherited	false	..
Abstract	false	..
Polling Period	Not polled	..
Command allowed for	All states	..

---

---

### Command Save :

Save Definition		
Input Argument	Tango::DEV_VOID	
Output Argument	Tango::DEV_VOID	
DisplayLevel	OPERATOR	..
Inherited	false	..
Abstract	false	..
Polling Period	Not polled	..
Command allowed for	All states	..

---

### Command WriteSocket :

Write command to the camera software.

WriteSocket Definition		
Input Argument	Tango::DEV_STRING	
Output Argument	Tango::DEV_VOID	
DisplayLevel	OPERATOR	..
Inherited	false	..
Abstract	false	..
Polling Period	Not polled	..
Command allowed for	All states	..

---

**There is no attribute defined.**

---

**There is no dynamic attribute defined.**

---

---

<b>ISGCamera Class States</b>	
<b>Name</b>	<b>Description</b>
ON	
FAULT	
MOVING	