

SONY®

**Sony 5thGen (SNC-RS/RH, SNC-CH/DH series)
PTZ data stream CGI
Documentation**

IPELA

Sony Corporation

[Modification history]

Revision	Date	Remarks
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[Contents]

1.	About this document.....	1
2.	PTZ data stream retrieval.....	1
2.1.	COMMAND SEQUENCE	1
2.2.	RESPONSE DETAILS	1
2.3.	SPECIFICATIONS	2

1. About this document

This documentation will provide you with the information of "PTZ data stream" CGI on Sony Network Camera 5thGen series (hereafter it is called as Sony 5thGen).

2. PTZ data stream retrieval

You will be able to acquire the alarm information in the form of server-push stream, which will be useful when you need those information continuously.

NOTE: Please be sure that when you use SNC-CH/DH series in conjunction with the PTZ data stream retrieval, it is necessary to enable "SolidPTZ" function.

2.1. Command sequence

Please find the following in terms of typical command sequence for this CGI.

<Syntax>

```
http://ip_adr/command/ptzdata.cgi
```

<Response>

```
HTTP/1.1 200 OK
Content-Type: multipart/x-mixed-replace;boundary=--myboundary
--myboundary
Content-Type: text/plain
CamTim: 2010-01-15 Fri 16:18:22

CamPos=111,000000000000S
--myboundary
Content-Type: text/plain
CamTim: 2010-01-15 Fri 16:18:22

CamPos=111,000000000000S
--myboundary
.
.
.
```

2.2. Response details

Details of the response format are as follows.

```
CamPos=111,ppppttttzzzz<M>
```

CamPos header:

Indicates this field contains Pan and Tilt and Zoom information.

First 3 digits (111) :

Indicates the device support Pan (first digit), Tilt (second digit) and Zoom (third digit). As for SNC-RH/RS series, it supports all the PTZ functionality. So this field for those models will be "111".

pppp (Pan position):

Indicates the current Pan position in the form of hexadecimal 4 digits.

tttt (Tilt position):

Indicates the current Tilt position in the form of hexadecimal 4 digits

zzzz (Zoom position):

Indicates the current Zoom position in the form of hexadecimal 4 digits

<M> (Moving status):

Indicates the current status of movement whether any PTZ is now in moving operation. If it is moving, this letter will be set to "M". If it is stopped, this letter will be set to "S".

2.3. Specifications

Following are the specification related to this CGI.

Models in which the command is available:

This command will be available in the following models that is having either PTZ function or SolidPTZ function.

SNC-RS44N, SNC-RS44P

SNC-RS46N, SNC-RS46P

SNC-RS84N, SNC-RS84P

SNC-RS86N, SNC-RS86P

SNC-RH124, SNC-RH164

SNC-CH140, SNC-DH140

Authentication requirement level:

In order to retrieve PTZ data stream, it will require 'Administrator' level authentication.

Frequency:

Frequency of updating the PTZ position is approximately 250 [msec].

Maximum simultaneous connection numbers:

It is possible to connect this stream interface up to 3 simultaneously.