

HTTP API of PTZ

Version 3.0.1

Release notes			
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1.UUID

UUID is cgi authentication key, all requests need to be authenticated by uuid, the default valid time to get uuid is 30min, can keep_alive to keep alive, keep alive can get 30min again; uuid can save 30 sets of data, more than 30 sets of data, will have The uuid expired will be deleted and a new uuid will be created again.

1.1 Get uuid

1.1.1 Description

This command is used for get uuid.

1.1.2 Grammar

Get:

```
http://<Device IP>/cgi/auth.cgi?act=auth&data=<?xml  
version='1.0'?><root><encrypt>xxx</encrypt></root>
```

1.1.3 Parameter

Parameter	Description
username	User Name
password	Password

1.1.4 Example

Get authid parameter, authid is uuid information, version is web version information.

Example:

Original username: admin, password: 123456.

The MD5 result for admin: 123456 is: 2D08086927F4D87A31154AAF0BA2E067.

REQUEST

```
http://192.168.2.172/cgi/auth.cgi?act=auth&data=<?xml
version='1.0'?><root><encrypt>2D08086927F4D87A31154AAF0BA2E067</encrypt></root>
```

RESPONSE

HTTP/1.0 200 OK

Content-type: text/plain;charset=utf-8

```
<?xml version="1.0" encoding="utf-8"?>
<root>
<authid>3f85fb201ca911ee999ae3123d0c1f1f</authid>
<version>6.4.14</version>
</root>
```

1.2 Keep alive uuid

1.2.1 Description

The timeliness of uuid is extended by 30 minutes after each keep alive.it is recommended to revitalize uuid every 1~30min interval.

1.2.2 Grammar

```
http://<Device IP>/cgi/auth.cgi?set=keep_alive&data=<?xml version='1.0'?><root><
authid >xxx</ authid ></root>
```

1.2.3 Parameter

Parameter	Description
authid	uuid

1.2.4 Example

REQUEST

```
http://192.168.2.172/cgi/auth?&set=keep_alive&data=<?xml
version='1.0'?><root><authid>3f85fb201ca911ee999ae3123d0c1f1f</authid></root>
```

RESPONSE

HTTP/1.0 200 OK

Content-type: text/plain; charset=utf-8

```
<?xml version="1.0" encoding="utf-8"?>
<root>
  <code>0</code>
  <error>successful</error>
</root>
```

1.3 Logout UUID

1.3.1 Description

Log off used UUID.

1.3.2 Grammar

```
http://<Device IP>/cgi/auth.cgi?act=auth_logout&data=<?xml
version='1.0'?><root>< authid >xxx</ authid ></root>
```

1.3.3 Parameter

Parameter	Description
authid	uuid

1.3.4 Example

REQUEST

```
http://192.168.2.172/cgi/auth.cgi?&act=auth_logout&data=<?xml
version='1.0'?><root><authid>3f85fb201ca911ee999ae3123d0c1f1f</authid></root>
```

RESPONSE

HTTP/1.0 200 OK

Content-type: text/plain; charset=utf-8

```
<?xml version="1.0" encoding="utf-8"?>
<root>
<code>0</code>
<error>successful</error>
</root>
```