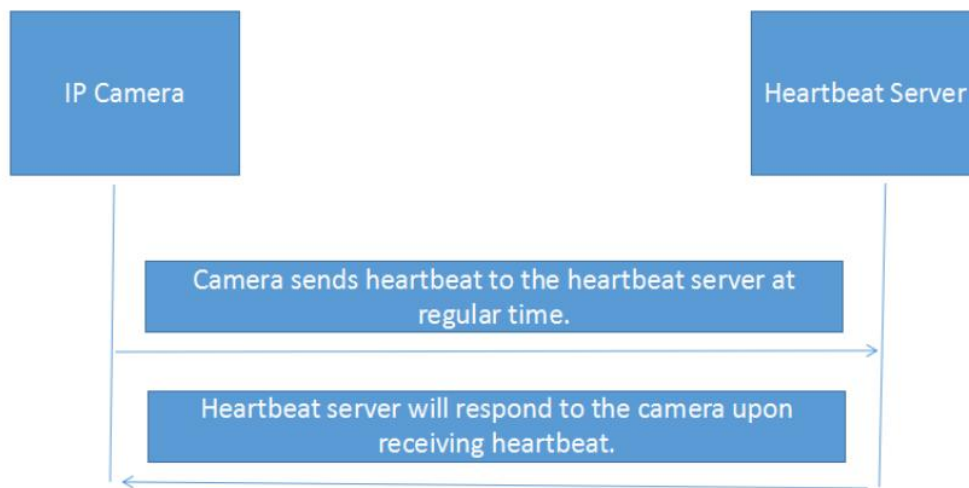


VStarcam Alarm Push Interface

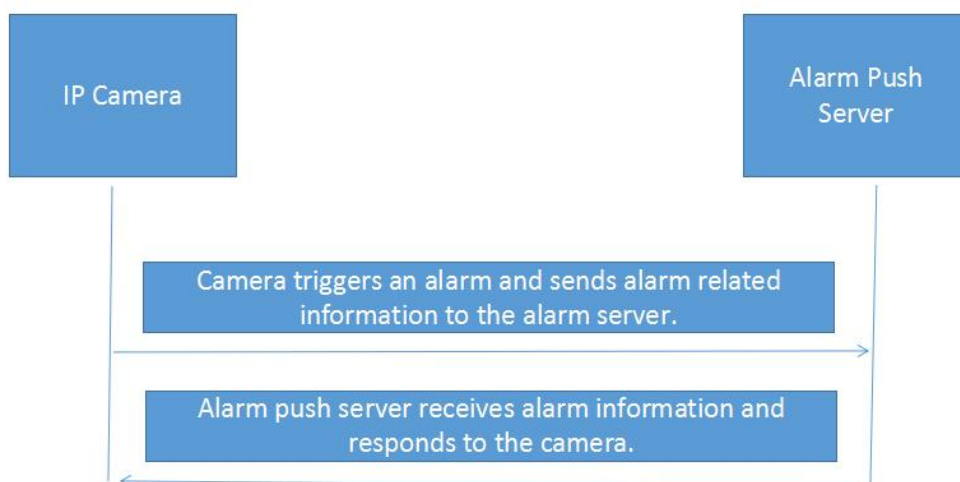
1. The alarm push interface is divided into two parts:

- Camera timed heartbeat
- Alarm information push

2. Camera Timed Heartbeat Process



3. Alarm Information Push



4. Timed Heartbeat Protocol

(1) Protocol

Interface name	Timed heartbeat
Service address	Timed heartbeat server address url
Request method	POST
Request media type	application/json; charset=UTF-8;
Response media type	application/json; charset=UTF-8;

(2) Request parameter

NO.	Parameter name	Required	Data type	Length	Remark
1	vuid	YES	String		Camera vuid

Example: {"vuid":"VC0000000ABCD"}

(3) Response content

NO.	Parameter name	Required	Data type	Remark
1	code	YES	String	Success, 200- Success, Other Failure
2	message	YES	String	Failure reason

Example: {"code":"200","message": "Success"}

5. Alarm Push Protocol

(1) Protocol

Interface name	Alarm data push
Service address	Alarm push image video server address url
Request method	POST
Request media type	Content-Type:multipart/form-data
Response media type	application/json; charset=UTF-8;

(2) Request parameter

NO.	Parameter name	Required	Data type	Length	Remark
1	vuid	YES	String		Camera vuid
2	type	YES	Integer		Alarm type
3	picture	YES	File		Alarm real-time image
4	video	NO	File		Alarm recording video

(3) Response content

NO.	Parameter name	Required	Data type	Remark
1	code	YES	String	Success, 200 -Success, Other Failure
2	message	YES	String	Failure reason

Example: {"code": "200", "message": "Success"}

(4) Alarm type

Alarm code	Alarm type
0x12	Motion detection alarm
0x14	Doorbell button alarm
0x26	Smoke alarm
0x27	Absence detection alarm
0x28	Baby crying detection alarm
0x29	Humanoid detection alarm
0x6d	Fire detection alarm
0x6e	Smoke detection alarm

6. CGI Configure Heartbeat Server and Alarm Push Server

(1) Obtain configuration parameters

---get_alarm_push_cfg.cgi

---cgi return field parameters

Parameter field name	Data type	Remark
heartbeatTime	Integer	Heartbeat sending interval(S)
heartbeatServer	String	Heartbeat server url
alarmPushMainServer	String	Push main server url
alarmPushSubServer	String	Push sub server url

(2) Set configuration parameters

---set_alarm_push_cfg.cgi?heartbeatTime=xx&heartbeat
Server=xxxxx&alarmPushMainServer=xxxxxx&alarmPushSub Server=xxxxx&

---Set parameters (see obtaining table)