## 3.11 AI

### 3.11.1 GetAiCfg

* **Interface Description**

|  |
| --- |
| It is used to get configuration of ai  |

* **Interface call instructions**

|  |  |
| --- | --- |
| Request URL | http://IPC\_IP/api.cgi?cmd=GetAiCfg&token=TOKEN |

* **Post Data**

|  |
| --- |
| **Data example** |
| [{ "cmd": "GetAiCfg", "action": 0, "param": { "channel": 0 }}] |
| **Field description** |
| **Field**  | **Description** | **M/O** |
| channel | Index of channel | M |

* **Return data description**

|  |
| --- |
| Return data correctly |
| [ { "cmd" : "GetAiCfg", "code" : 0, "initial" : { "AiDetectType" : { "dog\_cat" : 1, "face" : 0, "people" : 1, "vehicle" : 1 }, "aiTrack" : 1, "channel" : 0, "trackType" : { "dog\_cat" : 0, "face" : 0, "people" : 1, "vehicle" : 1 } }, "range" : { "AiDetectType" : { "dog\_cat" : "boolean", "face" : "boolean", "people" : "boolean", "vehicle" : "boolean" }, "aiTrack" : [ 0, 1, 2, 3 ], "channel" : 0, "trackType" : { "dog\_cat" : "boolean", "face" : "boolean", "people" : "boolean", "vehicle" : "boolean" } }, "value" : { "AiDetectType" : { "dog\_cat" : 1, "face" : 0, "people" : 1, "vehicle" : 1 }, "aiTrack" : 1, "channel" : 0, "trackType" : { "dog\_cat" : 0, "face" : 0, "people" : 1, "vehicle" : 1 } } }] |
| **Field description** |
| **Field**  | **description** |

### 3.11.2 SetAiCfg

* **Interface Description**

|  |
| --- |
| It is used to set ai detect type and ai track type |

* **Interface call instructions**

|  |  |
| --- | --- |
| Request URL | http://IPC\_IP/api.cgi?cmd=SetAiCfg&token=TOKEN |

* **POST Data**

|  |
| --- |
| **Data example** |
| [{ "cmd": "SetAiCfg", "action": 0, "param": { "aiTrack": 0, "trackType": {}, "AiDetectType": { "people": 1, "vehicle": 1, "dog\_cat": 1, "face": 0 }, "channel": 0 }}] |
| **Field description** |
| **Field**  | **Description** | **M/O** |
| channel | Index of channel | **M** |
| aiTrack | Switch to aiTrack | O |
| trackType | Ai track type | O |
| AiDetectType | Ai detect type | O |
| people | People detection | O |
| vehicle | Vehicle detection | O |
| Dog\_cat | Dog and cat detection | O |
| face | Face detection | O |
|  |

* **Return data description**

|  |
| --- |
| Return data correctly |
| [ { "cmd" : "SetAiCfg", "code" : 0, "value" : { "rspCode" : 200 } }] |
| **Field description** |
| **Field**  | **description** |
|  |  |

### 3.11.3 GetAiState

* **Interface Description**

|  |
| --- |
| It is used to get ai alarm state |

* **Interface call instructions**

|  |  |
| --- | --- |
| Request URL | http://IPC\_IP/api.cgi?cmd=GetAiState&token=TOKEN |

* **POST Data**

|  |
| --- |
| **Data example** |
| [ { "cmd":"GetAiState", "param":{ "channel":0 } }] |
| **Field description** |
| **Field**  | **Description** | **M/O** |
| channel | Index of channel | M |
|  |

* **Return data description**

|  |
| --- |
| Return data correctly |
| [ { "cmd" : "GetAiState", "code" : 0, "value" : { "channel" : 0, "dog\_cat" : { "alarm\_state" : 0, "support" : 1 }, "face" : { "alarm\_state" : 0, "support" : 0 }, "people" : { "alarm\_state" : 0, "support" : 1 }, "vehicle" : { "alarm\_state" : 0, "support" : 1 } } }] |
| **Field description** |
| **Field**  | **description** |
| alarm\_state | Alarm state |
| support | Whether support or not |