## 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 |