

WebSocket

WebSocket :

- 1. ws://[_:[]@[IP-:[]/[]/events.
- 2. (.) JSON. , .

```
{
  "include":
    ["hosts/Server1/DeviceIpint.1/SourceEndpoint.video:0:0", "hosts/Server1/DeviceIpint.6/SourceEndpoint.
    video:0:0"],
  "exclude": []
}
```

include – ;

exclude – .

JSON :

```
{
  objects: [
    {type: "devicestatechanged", name: "hosts/Server1/DeviceIpint.1", state: "signal restored"}
  ]
}
```

:

devicestatechanged		signal restored – , signal lost –
alert		
alert_state		processing – closed – reaction –
detector_event		
camera_record_state		on – off – gray – ,



X, WebSocket , signal lost.

:

```
objects: [{name: "hosts/Server1/DeviceIpint.1/SourceEndpoint.video:0:0", state: "signal restored",...},...]
0: {name: "hosts/Server1/DeviceIpint.1/SourceEndpoint.video:0:0", state: "signal restored",...}
name: "hosts/Server1/DeviceIpint.1/SourceEndpoint.video:0:0"
state: "signal restored"
type: "devicestatechanged"
```

Web-Socket:

ws://root:root@localhost/events?schema=proto

schema	schema=proto –

:

```

{
  "objects": [
    {
      "body": {
        "@type": "type.googleapis.com/axxonsoft.bl.events.DetectorEvent",
        "details": [
          {
            "autoRecognitionResultEx": {
              "direction": {
                "value": "Outgoing"
              },
              "headlightsStatus": {
                "value": "Disabled"
              },
              "hypotheses": [
                {
                  "country": "Denmark",
                  "ocrQuality": 99,
                  "plateFull": "CJ97139",
                  "plateRectangle": {
                    "h": 0.03703703703703709,
                    "w": 0.067708333333333315,
                    "x": 0.31302083333333336,
                    "y": 0.96296296296296291
                  },
                  "plateState": "NA",
                  "timeBest": "20230623T124816.295000"
                }
              ],
              "plateType": {
                "value": "EUnitedNations"
              },
              "timeBegin": "2023-06-23T12:48:16.295Z",
              "timeEnd": "2023-06-23T12:48:16.295Z",
              "vehicleBrand": {
                "value": "Mercedes Benz"
              },
              "vehicleClass": {
                "value": "Car"
              },
              "vehicleColor": {
                "value": "Gray"
              },
              "vehicleModel": {
                "value": "GLS Klasse"
              }
            }
          }
        ],
        {
          "autoRecognitionResult": {
            "direction": "Outgoing",
            "headlightsStatus": "Disabled",
            "hypotheses": [
              {
                "country": "Denmark",
                "ocrQuality": 99,
                "plateFull": "CJ97139",
                "plateRectangle": {
                  "h": 0.03703703703703709,
                  "w": 0.067708333333333315,
                  "x": 0.31302083333333336,
                  "y": 0.96296296296296291
                },
                "plateState": "NA",
                "timeBest": "20230623T124816.295000"
              }
            ],
            "plateType": "EUnitedNations",
            "timeBegin": "20230623T124816.295000",
            "timeEnd": "20230623T124816.295000",

```

```

        "vehicleBrand": "Mercedes Benz",
        "vehicleClass": "Car",
        "vehicleColor": "Gray",
        "vehicleModel": "GLS Klasse"
    }
}
},
"detectorDeprecated": "hosts/TEST/AVDetector.1/EventSupplier",
"detectorExt": {
    "accessPoint": "hosts/TEST/AVDetector.1/EventSupplier",
    "friendlyName": "1.
\u00420\u00430\u00441\u0043f\u0043e\u00437\u0043d\u00430\u00432\u00430\u0043d\u00438\u00435
\u0043d\u0043e\u0043c\u00435\u00440\u0043e\u00432 \u00430\u00432\u00442\u0043e\u0043c\u0043e\u00431\u00438\u0043b\u00435\u00439
(RR)"
},
"detectorsGroup": [
    "DG_LPR_DETECTOR"
],
"eventType": "plateRecognized",
"guid": "d6650759-e89b-43dd-a610-459a6e421ccc",
"nodeInfo": {
    "friendlyName": "TEST",
    "name": "TEST"
},
"originDeprecated": "hosts/TEST/DeviceIpint.1/SourceEndpoint.video:0:0",
"originExt": {
    "accessPoint": "hosts/TEST/DeviceIpint.1/SourceEndpoint.video:0:0",
    "friendlyName": "1.\u0041a\u00430\u0043c\u00435\u00440\u00430"
},
"timestamp": "20230623T124816.295000"
},
"eventName": "axxonsoft.bl.events.DetectorEvent",
"eventType": "ET_DetectorEvent",
"localization": {
    "text": "\u0041a\u00430\u0043c\u00435\u00440\u00430 \u0041.\u0041a\u00430\u0043c\u00435\u00440\u00430\u00435
\u00421\u00440\u00430\u00431\u00430\u00442\u0044b\u00432\u00430\u0043d\u00438\u00435
\u00434\u00435\u00442\u00435\u0043a\u00442\u0043e\u00440\u00430 \u0041.
\u00420\u00430\u00441\u0043f\u0043e\u00437\u0043d\u00430\u00432\u00430\u0043d\u00438\u00435
\u0043d\u0043e\u0043c\u00435\u00440\u0043e\u00432 \u00430\u00432\u00442\u0043e\u0043c\u0043e\u00431\u00438\u0043b\u00435\u00439
(RR)\u0041d\u0043e\u0043c\u00435\u00440 \u0043J97139\u0041, \u00441\u00442\u00440\u00430\u0043d\u00430 \u0042Denmark\u0041,
\u0043a\u0043b\u00430\u00441\u00441 \u0041 \u00410\u00432\u00442\u0043e\u0043c\u0043e\u00431\u00438\u0043b\u0044c\u0041,
\u00446\u00432\u00435\u00442 \u0042Gray\u0041,
\u0043f\u00440\u0043e\u00438\u00437\u00432\u0043e\u00434\u00438\u00442\u00435\u0043b\u0044c \u0042Mercedes Benz\u0041,
\u0043c\u0043e\u00434\u00435\u0043b\u0044c \u0042GLS Klasse\u0041, \u00441\u0043e\u00441\u00442\u0043e\u0044f\u0043d\u00438\u00435
\u00444\u00430\u00440 \u0042\u00412\u0044b\u0043a\u0043b\u0044e\u00447\u00435\u0043d\u0044b\u0041"
\u00420\u00430\u00441\u00448\u00438\u00440\u00435\u0043d\u0043d\u00430\u0044f
\u00438\u0043d\u00444\u0043e\u00440\u0043c\u00430\u00446\u00438\u0044f: \u00422\u00438\u0043f
\u00434\u00435\u00442\u00435\u0043a\u00442\u0043e\u00440\u00430 = \u0041"
\u00420\u00430\u00441\u0043f\u0043e\u00437\u0043d\u00430\u0043d\u0043d\u0044b\u00439 \u0043d\u0043e\u0043c\u00435\u00440\u0041"
},
"requiredPermissions": {
    "requiredObjectPermissions": [
        {
            "accessPoint": "hosts/TEST/DeviceIpint.1/SourceEndpoint.video:0:0",
            "cameraAccess": "CAMERA_ACCESS_ONLY_ARCHIVE"
        }
    ]
},
"subjects": [
    "hosts/TEST/DeviceIpint.1/SourceEndpoint.video:0:0",
    "hosts/TEST/AVDetector.1/EventSupplier"
]
}
]
}

```

vehicleBrand	
vehicleClass	
vehicleColor	
vehicleModel	

WebSocket **track untrack.**

1. :

```
{
  "track": ["hosts/Server/DeviceIpint.1"]
}
```

:

```
{
  "objects" : [
    {
      "name" : "hosts/Server/DeviceIpint.1",
      "type" : "itemstatuschanged"
    }
  ]
}
{
  "objects" : [
    {
      "source" : "hosts/Server/DeviceIpint.1/SourceEndpoint.video:0:0",
      "state" : "off",
      "type" : "camera_record_state"
    }
  ]
}
{
  "objects" : [
    {
      "name" : "hosts/Server/DeviceIpint.1",
      "type" : "itemstatuschanged"
    }
  ]
}
{
  "objects" : [
    {
      "source" : "hosts/Server/DeviceIpint.1/SourceEndpoint.video:0:0",
      "state" : "off",
      "type" : "camera_record_state"
    }
  ]
}
}
```

2. **type itemstatuschanged.**
 :

```
{
  "untrack": ["hosts/Server/DeviceIpint.1"]
}
```

:

```
{
  "objects" : [
    {
      "source" : "hosts/Server/DeviceIpint.1/SourceEndpoint.video:0:0",
      "state" : "off",
      "type" : "camera_record_state"
    }
  ]
}
{
  "objects" : [
    {
      "source" : "hosts/Server/DeviceIpint.1/SourceEndpoint.video:0:0",
      "state" : "off",
      "type" : "camera_record_state"
    }
  ]
}
```