

供应商特定

OSC API 规范中的 API 级别 1 侧重于图像类型，API 级别 2 中增加了视频支持。我们鼓励相机制造商定义自定义命令，并且/或者在必要时扩展标准命令的参数集。这些被称为_供应商命令_和_供应商参数_。

供应商特定的命令和参数的名称必须是字母数字，并且以下划线 (_) 作为前缀。

供应商特定的功能可能出现在以下四个地点：

- 输出
(<https://developers.google.com/streetview/open-spherical-camera/guides/osc/info?hl=zh-cn#output>)
/osc/info API
- 输出
(<https://developers.google.com/streetview/open-spherical-camera/guides/osc/state?hl=zh-cn#output>)
of /osc/state API
- OSC API 规范
(<https://developers.google.com/streetview/open-spherical-camera/reference/camera/?hl=zh-cn>)
, 用于 /osc/commands/execute 的命令
- OSC API 规范
(<https://developers.google.com/streetview/open-spherical-camera/reference/camera/?hl=zh-cn>)
, 命令参数；例如，setOptions 和 getOptions 命令的参数。

示例

请求 (API 1)

```
POST /osc/commands/execute HTTP/1.1
Host: [camera ip address]:[httpPort]
Content-Type: application/json;charset=utf-8
Accept: application/json
Content-Length: {CONTENT_LENGTH}
X-XSRF-Protected: 1
```

```
{
  "name": "camera.setOptions",
  "parameters": {
    "sessionId": "12ABC3",
    "iso": 200,
    "exposureCompensation": -2,
    "captureMode": "_video"
  }
}
```

示例

响应

```
HTTP/1.1 200 OK
Content-Type: application/json;charset=utf-8
Content-Length: {CONTENT_LENGTH}
X-Content-Type-Options: nosniff

{
  "name": "camera.setOptions",
  "state": "done"
}
```

请求

```
POST /osc/commands/execute HTTP/1.1
Host: [camera ip address]:[httpPort]
Content-Type: application/json;charset=utf-8
Accept: application/json
Content-Length: {CONTENT_LENGTH}
X-XSRF-Protected: 1

{
  "name": "camera._startRecording",
  "parameters": {
    "sessionId": "12ABC3",
    ...
  }
}
```

响应

```
HTTP/1.1 200 OK
Content-Type: application/json;charset=utf-8
Content-Length: {CONTENT_LENGTH}
X-Content-Type-Options: nosniff

{
  "name": "camera._startRecording",
  "state": "done"
}
```

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上次更新日期: 四月 6, 2017