

# 定时任务的解释

参考S3项目，解释一下定时任务设置的内容。

cron接口的内容解释。

## ▼ 示例

```
1 {
2   "cronMode": "byday",
3   "normalTask": {
4     "startAt": "2023-07-03 14:56:00",
5     "endAt": "2023-07-04 14:56:00",
6     "recordMode": "auto",
7     "shootInterval": 120
8   },
9   "bydayLoop": 0,
10  "bydayTask": [
11    {
12      "seq": 1,
13      "startAt": "09:00",
14      "endAt": "12:00",
15      "shootInterval": 120,
16      "scene": ""
17    },
18    {
19      "seq": 2,
20      "startAt": "14:00",
21      "endAt": "19:00",
22      "shootInterval": 60,
23      "scene": "auto"
24    }
25  ],
26  "cutmode": 1,
27  "bydayTaskCommitTime": "2023/07/03 15:02:27",
28  "weekDaysCount": "0,1,2,3,4,5,6"
29 }
```

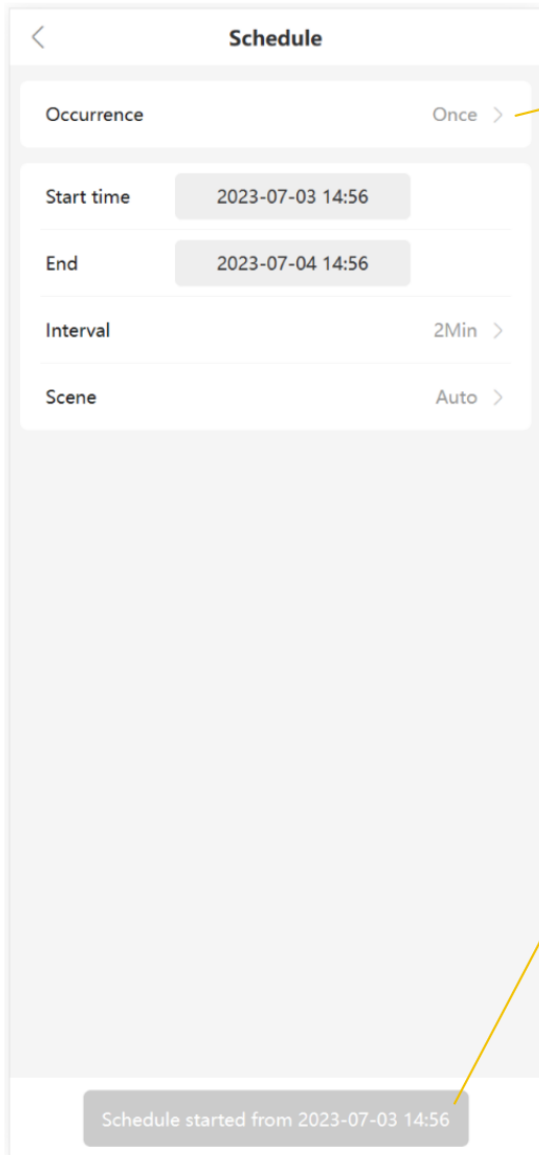
一级参数	数据类型	解释
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cronMode	string	<p>定时任务的类型：</p> <p>normal：单次定时任务，参考下面的“案例1”</p> <p>byday：每天循环的定时任务，参考下面的“案例2”</p> <p>byweek：按星期循环的定时任务，参考下面的“案例3”</p>
normalTask	object	<p>cronMode：normal时有效</p> <p>单次定时任务的详细设置</p> <p>里面的子参数浅显易懂，不赘述</p>
bydayTask	数组	<p>cronMode：byday 或 byweek 时有效</p> <p>每个数组元素就是一个时间段</p> <p>里面的子参数浅显易懂，不赘述</p>
bydayLoop	int	<p>cronMode：byday 时有效</p> <p>表示循环天数：</p> <p>0-无线循环； 其他正整数：N天（含当天）</p>
cutmode	int	<p>cronMode：byday 或 byweek 时有效</p> <p>视频和文件夹的拆分保存方法：</p> <p>0-合并保存；</p> <p>1-按时间段拆分保存；</p> <p>2-按天拆分宝盾；</p> <p>注：</p> <p>无论时何种拆分保存方法，都有15000帧的上限；触达上限会被强制拆分。</p> <p>拆分后，文件ID的定义：</p> <p>非强制拆分的，ID自增：TLS_0001.mp4,TLS_0002.mp4...</p> <p>强制拆分的，ID不变，增加一个后缀。示例： TLS_0003_1.mp4, TLS_0003_2.mp4 ...</p>

weekDaysCount	string	<p>cronMode: byweek 时有效</p> <p>按周循环时，表达一个星期中，哪些天执行拍摄</p> <p>示例: "1,2,3,4,5"表示周一~周五执行拍摄，周六周日不执行</p> <p>0表示周日，1表示周一，...</p>
bydayTaskCommitTime	string	提交任务的时间

下面的案例中，高亮的部分表示有效数据；没有高亮的，是无意义数据。

### 案例1：单次定时任务

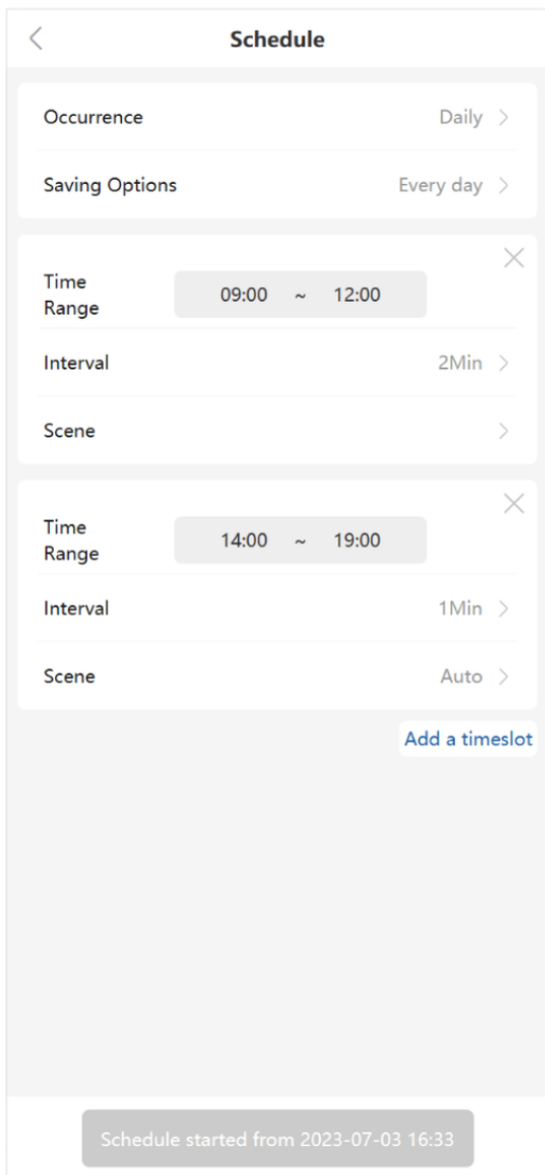


```
{
  cronMode: "normal",
  normalTask: {
    startAt: "2023-07-03 14:56:00",
    endAt: "2023-07-04 14:56:00",
    recordMode: "auto",
    shootInterval: 120
  },
  bydayLoop: 0,
  bydayTask: [
    {
      seq: 1,
      startAt: "09:55",
      endAt: "09:56",
      shootInterval: 120,
      scene: ""
    }
  ],
  cutmode: 1,
  bydayTaskCommitTime: "2023/07/03 14:56:28",
  weekdaysCount: "0,1,2,3,4,5,6"
}
```

对应的schedule内容:

"schedule": "[20230703145600,20230704145600,120,auto]"

## 案例2: 按天循环



```

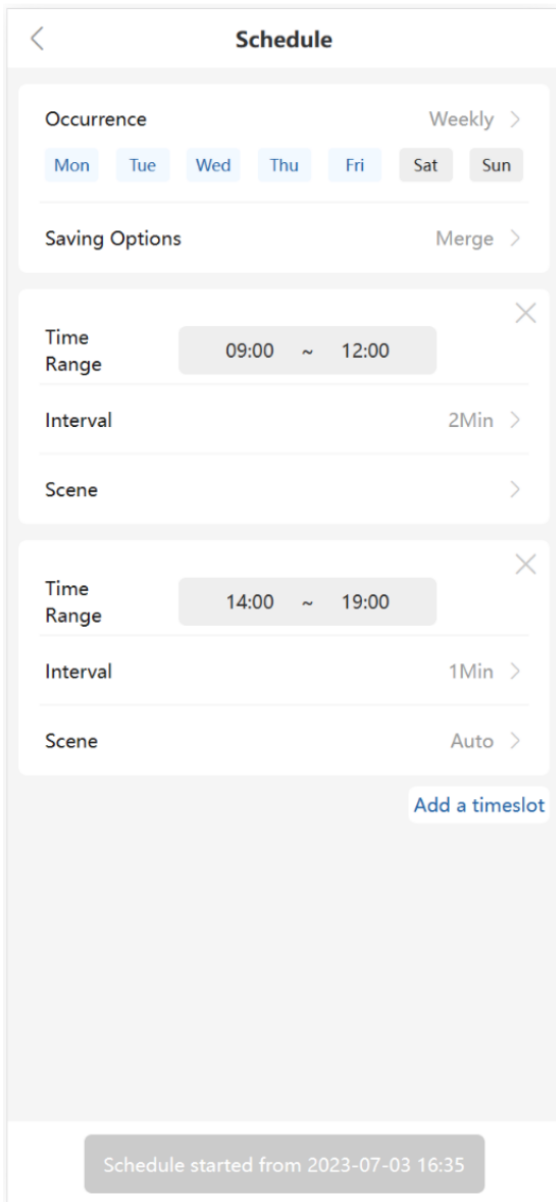
{
  "cronMode": "byday",
  "normalTask": {
    "startAt": "2023-07-03 14:56:00",
    "endAt": "2023-07-04 14:56:00",
    "recordMode": "auto",
    "shootInterval": 120
  },
  "bydayLoop": 0,
  "bydayTask": [
    {
      "seq": 1,
      "startAt": "09:00",
      "endAt": "12:00",
      "shootInterval": 120,
      "scene": ""
    },
    {
      "seq": 2,
      "startAt": "14:00",
      "endAt": "19:00",
      "shootInterval": 60,
      "scene": "auto"
    }
  ],
  "cutmode": 2,
  "bydayTaskCommitTime": "2023/07/03 16:33:50",
  "weekDaysCount": "1,2,3,4,5"
}

```

对应的schedule内容:

"schedule": "[[090000,120000,120,],[140000,190000,60,auto]]"

### 案例3: 按星期循环



```

{
  "cronMode": "byweek",
  "normalTask": {
    "startAt": "2023-07-03 14:56:00",
    "endAt": "2023-07-04 14:56:00",
    "recordMode": "auto",
    "shootInterval": 120
  },
  "bydayLoop": 0,
  "bydayTask": [
    {
      "seq": 1,
      "startAt": "09:00",
      "endAt": "12:00",
      "shootInterval": 120,
      "scene": ""
    },
    {
      "seq": 2,
      "startAt": "14:00",
      "endAt": "19:00",
      "shootInterval": 60,
      "scene": "auto"
    }
  ],
  "cutmode": 0,
  "bydayTaskCommitTime": "2023/07/03 16:35:20",
  "weekDaysCount": "1,2,3,4,5"
}

```

对应的schedule内容:

"schedule": "[{090000,120000,120,],[140000,190000,60,auto]}w(1,2,3,4,5)"