

R6

V6.0



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V6.0	2020-11-2	1.
V5.0	2020-10-30	1. 2.
V4.0	2020-10-26	1. 2. M 3. 4. 5.
V3.0	2020-10-15	1.
V2.0	2020-10-10	1. " cmdType" " reqType" 2. 3.
V1.0	2020-9-30	

1.1	1
1.2	1
1.3	1
1.4	1
1.5	2
2.1	3
4.1	4
4.1.1	4
4.2	5
4.2.1	5
5.1	6
5.2	7
6.1	



1)

2)

3)

4)

5)

6)

7)

50

8)

1. " dsl D" (HCRemoteMnitor) ,  
" dsl D" , 2 0 0 0 .
2. " cmdType" , " cmdType"  
" reqType"
3. 2 0 2 1 , reqType ,

JSON JSON { }

- dsl D
  - " www hc- system com cam"
  - " www hc- system com RemoteMnitor"
  - " www hc- system com HCRemoteCommand"
- reqType
  - query:
  - command
  - hear tbreak
  - photo
  - AddPoi nts
  - AddRCC:

JSON

```
{
  "dsID": "www.hc-system.com.RemoteMonitor",
  "reqType": "query",
  "queryAddr": ["version", "curMold"]
}
```

JSON

```
{
  "dsID": "www.hc-system.com.RemoteMonitor",
  "reqType": "query",
  "queryData": ["v1.1", "default"]
}
```

#### 4.1.1

1. version:
2. curMold: ( )
3. counterList: ID [" 0" , " 2" , " 5" ]
4. counter-n: [" id" , " " , " " ]
5. curMold: : (0: , 1: , 2: , 3: , 7: , 8: ,
9. )
- 7: m6) 6. boardIONumIO
7. input-n: 32 : (n 0 , 0: 1-32 , 1: 33-64 ...)
8. output-n: 32 : (n 0 , 0: 1-32 , 1: 33-64 ...)
9. axisNum
10. axis-n



16. curTorque-n: ( , 2580 , n 0 , 0: J1, 1: J2, 2: J3, 3: J4, 4: J5, 5: J6, 6: J7, 7: J8)

17. curSpeed-n: (RPM): ( , n 0 , 0: J1, 1: J2, 2: J3, 3: J4, 4: J5, 5: J6, 6: J7, 7: J8)

18. curAccount: ( )

19. ori gi n:

20. mō dLi st: [ " A1" , " A2" , " A5" ]

21. i sMō vi ng: : (1 , 0 )

22. Mn: 32 M : (n 0 , 0: 1-32 M 1: 33-64 M..)

JSON

```
{
  "dsID":"www.hc-system.com.RemoteMonitor",
  "reqType": "command",
  "cmdData":["cmd", "d1","d2"...]
}
```

: 2 0. 2 1/1. 6. 4 JSON

```
{
  "dsID":"www.hc-system.com.RemoteMonitor",
  "reqType": "command",
  "cmdReply":["ok"]
}
```

: 2 0. 2 1/1. 6. 4 JSON

```
{
  "dsID":"www.hc-system.com.RemoteMonitor",
  "reqType": "command",
  "cmdReply":["cmd", "r1", "r2"]
}
```

## 4. 2. 1

1. acti onStop:
2. acti onPause:

3. acti onSi ngl eCycl e : ( )
4. startButton:
5. stopButton:
6. sw tchMØl d: : (" d1" : ( ))
7. mØdi fyCounter: : (" d1" : I D " d2" : -1 " d3" :  
-1 (( ))
8. mØdi fyOutput: : (" d1" : I D 0 3 I O 4 6 M ( )  
7 EUI O " d2" : I D " d3" : 0 OFF 1 ON )
9. cl earAl armRunNext:
10. cl earAl armConti nue: :
11. mØdi fyStackData: : (( ) " d1" :sl D, " d2-d4" :  
x y z " d5-d7" : x y z)
12. mØdi fyGSPD : (" d1" : )
13. rewri teData: : (" d1" : addr, " d2" : val ue, " d3" : savabl e)
14. rewri teDataLi st: :  
(" d1" : addr, " d2" : l ength, " d3" : savabl e, " d4" , " d5" , " d6" , " d7" , .....)
15. mØdi fyAccDec: : (" d1" : , " d2" : ) =  
\*1000
16. sw tchTool : : (" d1" : )
17. mØdi fyTool : : (" d1" : , d2: X, d3: Y, d4: Z, d5:  
RX, d6: RY, d7: RZ), = \*1000
18. sw tchCoordi nate: : (" d1" : )

:



```

{"ModelID":"0",
 "X":"1.001","Y":"0.000","Z":"1000.001","U":"0.000","V":"0.000","Angel":"2.000",
 "Similarity":"0","Color":"0", "Rel":"1"},
 {"ModelID":"1",
 "X":"888.001","Y":"1345.001","Z":"1000.001","U":"0.000","V":"0.000","Angel":"123.123",
 "Similarity":"0","Color":"0", "Rel":"0"},
 {"ModelID":"2",
 "X":"888.001","Y":"1345.001","Z":"1000.001","U":"0.000","V":"0.000","Angel":"123.123",
 "Similarity":"0","Color":"0", "Rel":"0"},
 {"ModelID":"3",
 "X":"888.001","Y":"1345.001","Z":"1000.001","U":"0.000","V":"0.000","Angel":"123.123",
 "Similarity":"0","Color":"0", "Rel":"0"}
]
}
]
}

```

- dsData

- camID ID
- data
  - ModelID ID
  - X X
  - Y Y
  - Z Z
  - U: Z 4
  - V: V, 4
  - Angel W 4 U
  - Similarity
  - Color
  - Rel 1

```

{
  "dsID":"www.hc-system.com.cam",
  "reqType": "command",

```

```
}  
  "cmdReply":["AddPoints", "r1"]  
}
```

```
{  
  "dsID":"www.hc-system.com.HCRemoteCommand",  
  "reqType":"AddRCC",  
  "emptyList":"1",  
  "instructions":  
  [  
    {  
      "oneshot":"0",  
      "action":"4",  
      ...  
    }  
    {  
      "oneshot":"0",  
      "action":"4",  
      ...  
    }  
  ]  
}
```

JSON

```
{  
  "dsID":"www.hc-system.com.HCRemoteCommand",  
  "reqType": "command",  
  "cmdReply":["AddRCC", "r1"]  
}
```

- emptyList: 1: 0
- instructions
  - oneshot 1: 0
  - action

## 6.1.1

action

- 4
- 10
- 17

- m0-m7

- m0\_p-m7\_p ( )

- ckStatus: , bit1-8 1-8 8 0xFF 6

0x3F

- speed 0.1%
- delay 0.1s
- smooth 0-9

```

{
  "dsID":"www.hc-system.com.HCRemoteCommand",
  "reqType":"AddRCC",
  "emptyList":"1",
  "instructions":
  [
    {
      "oneshot":"0",
      "action":"4",
      "m0":"0.000",
      "m1":"0.000",
      "m2":"0.000",
      "m3":"0.000",
      "m4":"-90.000",
      "m5":"0.000",
      "m6":"0",
      "m7":"0",
    }
  ]
}

```

```
        "ckStatus",
        "speed":"80.0",
        "delay":"1.0",
        "smooth":"0"
    }
}
]
```

## 6.1.2

- action 800
- cnt\_id: id

```
{
  "dsID":"www.hc-system.com.HCRemoteCommand",
  "reqType":"AddRCC",
  "emptyList":"1",
  "instructions":
  [
    {
      "oneshot":"0",
      "action":"800",
      "cnt_id":"0"
    }
  ]
}
```

## 6.1.3

- action 100
- type
  - 0-4
  - 5-7 M
  - 8 EU
  - 100

- point 0-31
- io\_status
  - 0
  - 1
  - 2
  - 3
- limit 0.1s
- isUnlimit 1

```
{  
  "dsID":"HCRremoteCommand",  
  "reqType":"AddRCC",  
  "emptyList":"1",  
  "instructions":  
  [  
    {  
      "oneshot":"0",  
      "action":"100",  
      "type":"0",  
      "point":"0",  
      "io_status":"1",  
      "limit":"0",  
      "isUnlimit":"0"  
    }  
  ]  
}
```

#### 6.1.4

- action 52
- isUse 1 0
- ioNumber: 0-31
- io\_status 0 1



```
{  
  "dst": "remoteCommand",  
  "reqType": "AddRCC",  
  "emptyList": "1",  
  "instructions":  
  [  
    {  
      "oneshot": "0",  
      "action": "52",  
      "isUse": "0",  
      "ioNumber": "0",  
      "io_status": "0"  
    }  
  ]  
}
```

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:

```
{
  "dsID":"www.hc-system.com.RemoteMonitor",
  "reqType": "query",
  "queryAddr":["version", "curMold"]
}
```

:

```
{
  "dsID":"www.hc-system.com.RemoteMonitor",
  "reqType": "queryEcho",
  "queryData":["v1.1", "default"]
}
```

```
{
  "dsID":"www.hc-system.com.cam",
  "reqType": "AddPoints",
  "dsData":
  [
    {
      "camID":"0",
      "data":
      [
        {"ModelID":"0",
          "X":"888.001","Y":"1345.001","Z":"1000.001","U":"0.000","V":"0.000","Angel":"123.123",
          "Similarity":"0","Color":"0", "Rel":"0"},
        {"ModelID":"0",
          "X":"888.001","Y":"1345.001","Z":"1000.001","U":"0.000","V":"0.000","Angel":"124.123",
          "Similarity":"0","Color":"0", "Rel":"0"}
      ]
    }
  ]
}
```

```
{
  "dsID":"www.hc-system.com.cam",
  "reqType": "command",
  "cmdReply":["AddPoints", "2"]
}
```



518000

0755- 26417678

0755- 26416578

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