x8060 - Report Rate

Version 0

Report Rate

[0] **GetReportRateList**() → reportRateList
[1] **GetReportRate**() → reportRate
[2] **SetReportRate**(reportRate)

Overview

Feature to change the device report rate

Functions and Events

[0] GetReportRateList() → reportRateList

Retrieve the various report rates supported by the device

Standard report rates are 1, 2, 4 and 8ms

Parameters

none

Returns

reportRateList

(Any combination of the following:)

```
bit 0: 1ms      0 = rate not supported, 1 = supported
bit 1: 2ms
bit 2: 3ms
bit 3: 4ms
bit 4: 5ms
bit 5: 6ms
bit 6: 7ms
bit 7: 8ms
```

Table 1. reportRateList() response packet format

byte \ bit	7	6	5	4	3	2	1	0
0	reportRateList							
	8ms	7ms	6ms	5ms	4ms	3ms	2ms	1ms

byte \ bit	7	6	5	4	3	2	1	0
1..15	reserved							

Errors

none

[1] GetReportRate() → reportRate

Parameters

none

Returns

reportRate

    The current report rate in ms

Table 2. GetReportRate() response packet format

byte \ bit	7	6	5	4	3	2	1	0
0	reportRate							
1..15	reserved							

Errors

none

[2] SetReportRate(reportRate)

This function can be called only in host mode

Parameters

reportRate

    The new report rate in ms

Table 3. SetReportRate() request packet format

byte \ bit	7	6	5	4	3	2	1	0
0	reportRate							
1..15	reserved							

Returns

none

Errors

- InvalidArgument (2) Invalid reportRate, not in host mode

ChangeLog

- Version 0: Initial version