8.13 $AA4

Description:

Reads the synchronized data retrieved from the last #** command.

Command Syntax:

$**AA**4**[CS]**(CR)	
$	Delimiter character
AA	Address of the device to be configured in hexadecimal format (00 to FF)
4	Command to read the synchronized data from the device.
[CS]	Checksum
(CR)	Carriage Return

Response:

Valid Command: !**SDDDD**00**[CS]**(CR)
Invalid Command: ?**AA[CS]**(CR)

!	Delimiter for a valid command
?	Delimiter for an invalid command
S	Status of synchronized data: 1 = First read of data 0 = Data has been at least once before
DDDD	Four digit hexadecimal value representing the status of the I/O lines.
00	Always 00
[CS]	Checksum
(CR)	Carriage Return

Examples:

Read synchronized data. Device returns the synchronized data and sets first byte to 1 to indicate this is the first time the synchronized data has been read. (Assumes the set synchronized data command has been sent)
Command: $014(CR)
Response: !1000F00(CR)

Read synchronized data. Device returns synchronized data and sets status byte to 0 to indicate the data has been read before.
Command: $014(CR)
Response: !0000F00(CR)