

3 High-Speed Ethernet Server Function

3.3 Communication Method

3.3.3.26 System Information Acquiring Command

Request

Sub header part

<Details>

Command No.	0x89	
Instance	Specify one out of followings • 11 to 18 • 21 to 44 • 101 to 108	Specify the type of system type. 11 to 18: Type information (R1 to R8) 21 to 44: Type information (S1 to S24) 101 to 108: Application information (application 1 to 8)
Attribute	Specify one out of followings 1: System software version 2: Model name / application 3: Parameter version	Specify the type of system information
Service	• Get_Attribute_Single: 0x0E • Get_Attribute_AI: 0x01	Specify the accessing method to the data. 0x0E: :Read out data of the specified element number 0x01 : Read out data of all the element number (In this case, specify 0 to the element number)

Answer

Sub header part

<Details>

Status	Respond by one in the followings • 0x00 : respond normally • Other than 0x00 : respond abnormally	
Added status size	• 0: no added status • 1: 1 WORD • 2: 2 WORD	"1" indicates 1 WORD of added status data, and "2" indicates 2 WORD of added status data.
Added status	The error code specified by the added status size	The error code of 1 WORD exists if the added status code is "1" and that of 2 WORD exists if the code is "2".

Data part

32bit integer	Byte 0	Byte 1	Byte 2	Byte3	<Details>
1	System software version (Character strings: 24 characters) Ex. YAS1.00.00A. (JP/US) -00				The same character strings are returned even if either 11 to 18, 21 to 44 or 101 to 108 is specified to the instance in the request sub-header part.
2					
3					
4					
5					
6					
7	Model name / application (Character strings: 16 characters) Ex. (For model) ES0165D-A0* (For application) ARC WELDING				The model name is returned when it is R1 to R8, and NULL character is returned when it is S1 to S24. Also, application name is returned when it is application 1 to 8.
8					
9					
11	Parameter version (Character strings: 8 characters) Ex. 12.34				R1 to R8: Parameter version When it is nonexistent control group, it is returned in NULL characters.
12					