

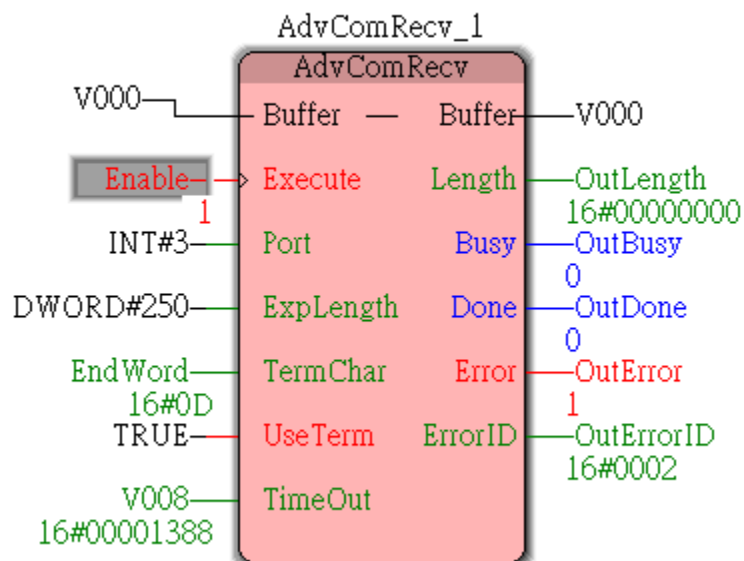
Advantech AE Technical Share Document

Date	2016/04/21	SR#	1-2443749084
Category	■FAQ □SOP	Related OS	N/A
Abstract	ADAM-5550KW, Error code for AdvComRecv		
Keyword	MultiProg, COM port, Function Block, ErrorID		
Related Product	ADAM-5550KW, ADAM-5560KW, ADAM-5550KW/TCP, ADAM-5560KW/TCP		

■ Problem Description:

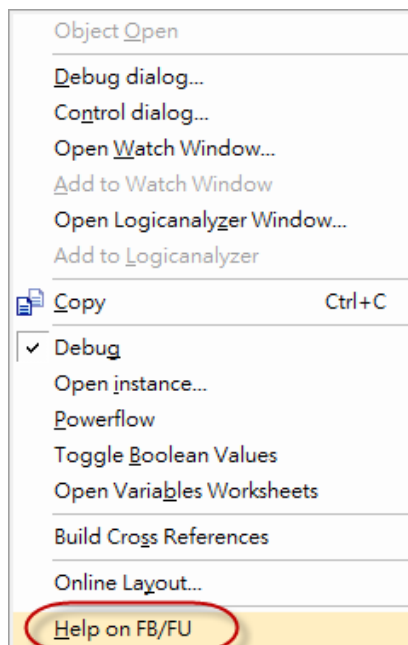
When using the Advantech function block “AdvComRecv” to receive the data buffer from a specified COM port, the output “Error” shows there is an error with error ID 02.

What’s the meaning of this error ID and what to do to make the function block works successfully?



■ Procedure:

Please right click on the function block and select “Help on FB/FU” to see detail help description.



According to the Error ID in the help, Error ID 2 means that the COM port is set to the mode for Modbus protocol so that it cannot receive the data from buffer.

Error ID

ErrorID	Error Description
0	Success
1	COM failed to be initialized
2	COM is only for modbus protocol
3	Invalid COM port ID
4	Invalid buffer
5	Buffer is NULL
6	Invalid length
7	Invalid terminal character
8	COM is busy
9	COM failed to finished command
10	COM time out
11	COM is already configured to be slave, cannot be master
12	COM is non-active mode when backup system enable
13	Stop to read COM port because trigger AdvComClrRecv function block

Please set the COM port into “UserDefine” mode instead of “Modbus” and test again, then COM port should be able to receive the data from buffer successfully.

