

Advantech AE Technical Share Document

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Category	■FAQ □SOP	Related OS	N/A
Abstract	ADAM-6051, How to adjust the calculated window in the frequency mode?		
Keyword	Frequency		
Related Product	ADAM-6051		

■ Problem Description:

This document shows how to adjust the calculated window in the frequency mode.

■ Answer:

When using the frequency mode, ADAM can calculate the frequency value for the incoming pulses. However, when the pulse stop coming, the customer need to wait 10 sec and then the frequency value will become zero. The reason is that the smallest resolution for the frequency value is 0.1Hz. It means that ADAM need 10 sec to wait one pulse. If the customer doesn't want to wait for 10 sec, they can use the following command to adjust it.

\$01PC → read waiting time

#01PC000000nn → set the waiting time. nn is HEX.

Unit: 100ms

For example, if the response ASCII is !00000064

64 → 100

1000ms * 100 = 10s

Therefore, if customer wants to adjust the waiting time, he can set the #01PC00000032. However, the minimal resolution becomes 0.2 (1/5).