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Category	■FAQ □SOP	Related OS	N/A
Abstract	IAG_FAQ Sampling Rate Support Among ADAM 6015, 6017, 6018 and 6217		
Keyword	Sampling Rate, ADAM-6015, 6017, 6018 and 6217		
Related Product	ADAM-6015, 6017, 6018 and 6217		

■ **Problem Description:**

This document explains a common question regarding the sampling rate among ADAM-6015, 6017, 6018 and 6217, and how to configure high speed sampling rate(100 samples/second) on ADAM-6017CE.

■ **Brief Solution - Step by Step:**

The table below illustrates the sampling rate among ADAM-6015, 6017, 6018 and 6217 between BE and CE hardware version.

	ADAM-6015	ADAM-6017	ADAM-6018	ADAM-6217
H/W BE	10 samples/second	10 samples/second	10 samples/second	10 samples/second
H/W CE	N/A	100 samples/second	N/A	N/A

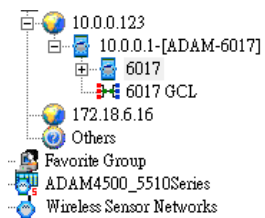
Note: Please refer FAQ link below for how to verify hardware version between BE & CE

http://downloadt.advantech.com/download/downloads.aspx?File_Id=1-ZD1H58&utm_source=AdamForum&utm_medium=Link&utm_campaign=SR-AdamForum

According to available product SPEC among ADAM-6000/6200 Ethernet based remote IO modules, only ADAM-6017 support high speed sampling rate(**100 samples/second among all channels**).

The rest of other AI modules support a basic rate of 10 samples/second only.

Below is screenshot of how to configure high speed sampling rate from ADAM-6017-CE:



ADAM-6017

☐ Hide Setting Panel

Input Range

Channel :

Range :

Integration Time

Calibration

Channel Information

Channel setting | Average setting | Modbus (Present) | Modbus (Max) | Modbus (Min)

	Enable	Channel	Value	Description
<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0.006 V	Enable : +/- 10 V
<input type="checkbox"/>	<input checked="" type="checkbox"/>	1	0.006 V	Enable : +/- 10 V
<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	0.006 V	Enable : +/- 10 V
<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	0.006 V	Enable : +/- 10 V
<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	0.006 V	Enable : +/- 10 V
<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	0.007 V	Enable : +/- 10 V
<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	0.006 V	Enable : +/- 10 V
<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	0.006 V	Enable : +/- 10 V

DO 0 ☐

DO 1 ☐