

## Advantech AE Technical Share Document

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<b>Category</b>	<input checked="" type="checkbox"/> FAQ <input type="checkbox"/> SOP	<b>Related OS</b>	DOS
<b>Abstract</b>	The number definition of Advantech ADAM-5510KW function block		
<b>Keyword</b>	function block, internal error		
<b>Related Product</b>	ADAM-5510KW,ADAM-5510EKW,ADAM-5510KW/TP, ADAM-5510EKW/TP		

### [Problem]

When you download the KW project to ADAM-5510, the Multiprog message window shows the message as “**Internal error! Invalid firmware function of function block '220'!**”. The below table provides the Advantech FB number definition.



### [Solution]

The number definition of Advantech ADAM-5510KW FB are defined as the below table.

Function Block	Number	Function Block	Number
CALENDAR_FW_NO	201	ADADM_AI_FW_NO	220
ADAM5510_Scale_FW_NO	203	ADADM_DI_FW_NO	221
MMA_FW_NO	204	ADADM_DO_FW_NO	222
SCALE_BIAS_FW_NO	205	ADADM_AO_FW_NO	223
ADAM_COM_SETUP_FW_NO	206	ADADM_CNT_FW_NO	224
ADAM_4068_FW_NO	207	Target_FW_NO	225
INT_TO_MB2xxx_FW_NO	209	ADAM_SINGLE_CNT_FW_NO	226
UINT_TO_MB2xxx_FW_NO	210	DeviceInfo_FW_NO	227
DINT_TO_MB2xxx_FW_NO	211	ADV_EVENT_TASK_FW_NO	228
UDINT_TO_MB2xxx_FW_NO	212	COM_FB_FW_NO	229
REAL_TO_MB2xxx_FW_NO	213	ADV_STRING_TO_REAL_FW_NO	230
MB2xxx_TO_INT_FW_NO	214	CLR_ERROR_CATALOG_FW_NO	231
MB2xxx_TO_UINT_FW_NO	215		
MB2xxx_TO_DINT_FW_NO	216		

MB2xxx_TO_UDINT_FW_NO	217		
MB2xxx_TO_REAL_FW_NO	218		
ANY_TO_MB2xxx_FW_NO	219		