

TC Electronic DB4/DB8 and DB4/DB8 MKII SNMP Implementation

In the table below the <X> column refers to one or more fields in aDevEntry, which contains information about the error type in the table row. This means that for a device with a given device number (<DevNr>), the corresponding entry in the MIB will be:

.iso.org.dod.internet.private.enterprises.tcelectronic.tcprx1.tcadev.adevTable.adevEntry.<X>.<DevNr>

which in decimal form is:

.1.3.6.1.4.1.18203.1.3.1.1.<X>.<DevNr>

Error Type	Error Level	Description	<X>	MIB value	Notes
Hardware Anomaly	Serious	Power loss or serious internal error. Action required.	adevPresence(7) adevFuzzyStatus(4) adevStatus(3)	lost(5) 100 fatal(5)	
Output Clip	Warning	Clip on any output.	adevFuzzyStatus(4) adevStatus(3)	>50 warning(3)	
Input Clip	Warning	Clip on any input.	adevPeakingInputs(10) adevFuzzyStatus(4) adevStatus(3)	0 100 error(4)	
Output Silence	Warning	>15 sec continuous no signal on any digital output. Threshold -60dBFS. All outputs silent: 1111 1111 1111 1111 (65535 = FFFF).	adevSilentOutputs(11) adevFuzzyStatus(4) adevStatus(3)	0 >50 warning(3)	
Output Signal	Ok	adevStatus shows ok (2) when signal(s) on one or more outputs. Examples: Signal on ch 1/2: 1111 1111 1111 1100 Signal on ch 9/10: 1111 1100 1111 1111	adevSilentOutputs(11) adevFuzzyStatus(4) adevStatus(3)	xxxxxx 0 ok(2)	Requires Icon 5.25 or higher
AES Lock Error	Error	AES sync slip on any input.	adevDigInOverallStatus(8) adevFuzzyStatus(4) adevStatus(3)	slip(2) 50 error(4)	
No Reply	Serious	Unit not responding. Action required.	adevPresence(7) adevFuzzyStatus(4) adevStatus(3)	lost(5) 100 fatal(5)	

Note: From time to time, check for latest update of SNMP implementation at www.tcbroadcast.com