

IRT -SNMP GUI **SETUP**

Designed and manufactured in Australia

IRT can be found on the Internet at: http://www.irtelectronics.com

Setting Up the IRT SNMP Program:

Step 1:

Click Setup.exe and follow the prompts



Step 2:

In the directory where the program has been loaded go to the MIbs Folder and place all the IRT MIbs in that Folder.



Working with IRT SNMP:

Start IRT Snmp Software and Setup the Frame

Step 1: Ensure MIbs are loaded correctly

Click MIbs and you should see the MIbs listed as per figure below.

MIB Display									
	OID	Name	Syntax	Access		Description 🔺			
132	43.6.1.4.1.16557.3.20	irt4004DVA	6		0				
133	43.6.1.4.1.16557.3.20.1	irt4004InputPresent	16		1	An indication that an input signal is present.			
134	43.6.1.4.1.16557.3.20.2	irt4004AmplifierPolarity	16		1	An indication of whether the amplifier will or will not! invert the input signal. The amplifier can be comm			
135	43.6.1.4.1.16557.3.20.3	irt4004SnmpAmplifierPolarit	16	i	2	An indication of the state of the SNMP command to Invertil the input signal. This command is logically			
136	43.6.1.4.1.16557.3.20.4	irt4004DataReclockingRat	16	i	1	In indication of the frequency to which the reclocking II circuits have been set by LK3.			
137	43.6.1.4.1.16557.3.20.5	irt4004Reset	2	!	2	Writing a 2 to this object will cause the agent to reset.			
138	43.6.1.4.1.16557.3.20.6	irt4004Trap	16		2	If enabled, Traps will be sent when the input signal is removed or restored.			
139	43.6.1.4.1.16557.3.20.7	irt4004TrapSeqNo	2		1	A number that increases by one for every trap sent.			
140	43.6.1.4.1.16557.3.10	irt4006DDA	6		0				
141	43.6.1.4.1.16557.3.10.1	irt4006Alarms	16		1	The current state of the Urgent Alarm.			
142	43.6.1.4.1.16557.3.10.2	irt4006InputPresent	16	i	1	An indication that an input signal is present.			
143	43.6.1.4.1.16557.3.10.3	irt4006Reset	2	!	2	Writing a 2 to this object will cause the agent to reset.			
144	43.6.1.4.1.16557.3.10.4	irt4006Trap	16		2	If enabled, Traps will be sent when an Urgent Alarm occurs II Traps will also be sent when the alarm co			
145	43.6.1.4.1.16557.3.55	irt4008DDA	6		0				
146	43.6.1.4.1.16557.3.55.1	irt4008ddaAlarms	16		1	Status of the alarms.			
147	43.6.1.4.1.16557.3.55.2	irt4008ddaSignalStatus	16	i	1	Status of the input data signal.			
148	43.6.1.4.1.16557.3.55.3	irt4008ddalnputLock	16	i	1	Status of the reclocker. II 1. Not locked: Reclocker is unlocked II or else signal is not present. II 2. Loci			
149	43.6.1.4.1.16557.3.55.4	irt4008ddaDataRate	16	i	2	Input data rate for reclocker. 1. ASI/SDI: 270 Mbps 2. STM1-o: 155 Mbps NRZ 3. STM1-e: 311 M			
150 •	43.6.1.4.1.16557.3.55.5	irt4008dda0utputReclock	16	i	2	Status of the reclocker. II 1. Disabled: Signal routed straight to the outputs. II 2. Enabled: Reclocked s			
Input File		SYNTAX- 02: Sting 04: Intege 05: Null 06: DID 16: Enume 22: Seque 67: Time	rated	ACCESS - 0: None 1: Read 2: Both 3: Write		Find Module Number			
Left	Left Click in a row with Syntax 16 (Enum) to see options.								

Step 2: Set- up a frame

In order to start communicating to a frame the following steps should be followed:

- 1- Options > SNMP Connection Options
- 2- Click on the cell in the Ip address Column and type the relevant CDM-4001 IP address
- 3- Frame name can be changed
- 4- After each modification press Enter
- 5- Save

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Interrogating a Frame:

In the main screen any annotation in RED means you can click on it and do modifications.

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To change setting double click on the required field to be changed and options will be displayed . Please note a Right Click would give a description of the field.

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🚊 🔤 channelInfoEntry		
🛁 😲 channelNumber : 1 : 2	: 3	: 4
	: notPresent	: notPresent
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fpgaversion : 6.7		
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Right Click View



To Poll a frame on a regular basis to get updated status: Poll > Selected Slot Poll

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Enabling Trap Receiver: Traps > Traps On

IRT SNMP Browser			
Mibs Statistics Option	ns Poll Traps Help		
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