"AutoSearchIP.exe" tool for ANT-2xxx products

Contents

The search tool will find the IP address of Antrica ANT-2xxx products, the current products are listed in Table 1.

The AutoSearch IP tool will only discover devices, it cannot be used to change any setting.

For further help and advice please contact Antrica on:
Email: support@antrica.com
Phone: +44 1628 626098, during UK office hours, and ask for technical support

Document info

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1. Antrica products which can be discovered

The "AutoSearch IP" tool should detect any of the devices listed in Table 1 regardless of their IP address and Subnet mask. They must, however, have valid network settings. Older ANT-2xxx products should also be found by the search tool.

Table 1 : List of devices currently detectable by the AutoSearch Tool

Model Number	Product
ANT-2200	HDP60 H.265 HDMI VIDEO ENCODER
ANT-2204	4 X HDMI HDP60 RACK MOUNTED H.265 VIDEO ENCODER
ANT-2400B	HDMI 4KP30 H.265 VIDEO ENCODER
ANT-2551	1 X HD-SDI CHANNEL INPUT H.265 H264 HD 1080P60 VIDEO ENCODER
ANT-2554	4 X HD-SDI HDP60 RACK MOUNTED H.265 VIDEO ENCODER
ANT-2601	AFFORDABLE HDMI/CVBS H.265 4KP30 DECODER
ANT-2700	AFFORDABLE HD-SDI H.265 HDP60 DECODER

2. "Install" the AutoSearchIP tool

The tool is normally provided as .RAR file. Before using the "AutoSearchIP.exe" the "AutoSearchIP(EN).rar" file will need uncompressing.

The tool does NOT install is just runs from the "AutoSearchIP.exe" file

3. Using the AutoSearchIP tool

The AutoSearch IP tool will only discover devices, it cannot be used to change any setting. It will display the paramters listed in Table 2.

Table 2 : List of variables displayed by AutoSearchIP tool

chn	channel name – by default this is "chan"
Version	the installed firmware version
IP	IP address of the product
Port	webpage port number – by default this is 80
gateway	gateway IP address
Mac	MAC address of the devices

Once the AutoSearchIP tool is opened it will look like that shown in Figure 1

To run the AutoSearchIP tool click the "Search" button

An example of the search results shown in Figure 2. This search search was performed with the 192.168.0.xxx network cable NOT connected. The PC has alternated networks, i.e. 192.168.10.xxx.

In Figure 3 2 of the devices has the same IP address, in the example 192.168.1.201. This can be shown by the different MAC addresses in the "mac" column for the duplicate IP addresses.

If the search is required to be re-run the AutoSearchIP tool has to be closed and opened again.

Figure 1 : Search tool after being "opened"

Figure 2 : After search is completed

Figure 3 : Duplicate IP address

chn	version	IP	port	gateway	mac
chan	v2.2.16_20190124_L60_0_release	192.168.1.201	80	192.168.1.1	60:09:C1:81:01:76
chan	v2.2.16_20190124_L60_0_release	192.168.1.201	80	192.168.1.1	60:31:30:2E:00:01
chan	v2.2.16_20190124_L60_0_release	192.168.1.202	80	192.168.1.1	60:31:3F:39:00:01
chan	v2.2.16_20190124_L60_0_release	192.168.1.203	80	192.168.1.1	60:59:4E:B2:00:01
chan	v2.2.16_20190124_L60_0_release	192.168.1.200	80	192.168.1.1	60:11:B3:02:00:01