



Remote Access without VPN  
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# Copyright

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## Important considerations

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For the correct functioning of remote connections, it is necessary to redirect the router ports properly. It is also needed a static IP or a dyndns service or similar.

# Ports used by Houseinhand.

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Although it is possible to modify the ports used to each application, the default port list is this:

APPLICATION	PRIVATE PORT	PUBLIC PORT
<b>KNX</b>	3671	3671
<b>IRTrans ®</b>	21000	21000
<b>Global Cache ®</b>	4998	4998
<b>IP Camera</b>	80	81
<b>KNX intercom</b>	80	82
<b>TKM ® video streamer</b>	80	51000

It is important to verify that the public ports are being redirected to their corresponding private port – IP.

For example, in the case you own more than one IRTrans module, it is necessary to modify its public port to obtain an independent communication with each module.

In the case you have 4 IRTrans modules, this table should be used:

MODULE	PRIVATE IP	PRIVATE PORT	PUBLIC IP	PUBLIC PORT
<b>IRTrans 1</b>	192.168.1.50	21000	http://example.dyndns.org	21000
<b>IRTrans 2</b>	192.168.1.51	21000	http://example.dyndns.org	21001
<b>IRTrans 3</b>	192.168.1.52	21000	http://example.dyndns.org	21002
<b>IRTrans 4</b>	192.168.1.53	21000	http://example.dyndns.org	21003

# Device configuration

1. Launch Settings app.



2. Scroll until Houseinhand appears.



3. Disable "**Autodiscover IP**" and "**Use main IP**".
4. Introduce in "**Alternative IP**" the name of the *dyndns* domain or, the static IP supplied by your Internet Service Provider.

