

DIAP Partner

i2r A/S

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# GUIDE

## DIAP Network Configuration

Version 1.0

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# 1 Introduction

This guide describes the DIAP network configuration.

To most DIAP users, the standard configuration is enough to get started. For non-standard configuration needs, please provide the information needed in Custom configuration.

If your DIAP is connected to the internet via a network, please make sure that the outbound ports are opened as specified in section 1.3 Firewall rules.

## 1.1 Standard configuration

Normally, DIAPs are set up for internet communication via ethernet port 1 using DHCP. You can then subsequently change these settings by connecting the DIAP to a network that can provide it with internet via DHCP. From there on it is possible to configure the DIAP live.

It is also possible to configure the DIAP by connecting directly to the DIAP. This can be done using the static IP of the DIAP using the following URL: <http://10.1.14.57:8080/static/index.html>

It can also be reached by any other network IP that the DIAP has been assigned to.

### 1.1.1 Specification Defaults

Static IP 10.1.14.57  
Dynamic IP yes  
DNS DHCP

## 1.2 Custom configuration

### 1.2.1 Wi-Fi configuration

If the DIAP require configuration for a custom WI-FI hotspot. Then we strongly recommend that the PSK is a temporary key for a temporary hotspot, or that the key is sent to us in a secure way. For static IP configuration see below.

### 1.2.2 Static IP configuration

If a static IP is needed, please specify the assigned IP to the DIAP, a Gateway IP, and the DNS server IP(s).

## 1.3 Firewall rules

If you wish to setup firewall rules for the DIAP, the following conditions apply.

- Microsoft Azure may change the IP of the IoT-hub location. Consequently, we cannot supply customers with a specific IP.
- The communication port is MQTT standard port.
- Only an outbound port is used for security reasons.

For DIAP remote updates, an additional rule is required.

Cloud name Communication IP*	Port	Communication direction
Update server 52.164.127.14	22 (ssh)	Outbound TCP

\*The DIAP update server has no domain name registration. Only the static IP is available.

## 1.4 Update server IP

The update server IP is running on Virtual Machine on Microsoft Azure.

IP Address: 52.164.127.14