

## **IP150 and IP150S Upgrading to v5.2.45 Procedure**

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## Preface

This document will explain the upgrading procedure of the IP150 and IP150S to the latest 5.2.45 firmware.

## What's new

The new firmware 5.2.45 for IP150 comes with the following features and improvements:

- Improved Swan connectivity

## Upgrading procedure

Depending on the bootloader and firmware, there are 3 procedures available:

1. Upgrading IP150 v4.xx with bootloader 2.13 or 2.14 to firmware v5.2.45
2. Upgrading IP150 v4.xx with bootloader 2.12 to firmware v5.2.45
3. Upgrading IP150S v1.xx with bootloader 2.12 to firmware v5.2.45

The bootloader of the IP150 can be checked in Infield, after connecting to the panel/site:

In-Field Paradox Upgrade Software

P ▲ R ▲ D O X®

**Step 1: Select Communication Settings**

Serial | Internet | GPRS | Multi-Serial | Static IP

IP/Panel S/N (if no site is created on the system)  IP/DNS (if a site is created on the system)

Panel S/N:  IP password:  Site ID:  Email Address:  IP password:

**Step 2: Select Device(s)**

Refresh Disconnect Select All Unselect All

Via TCP/IP at 57600 baud

- Control Panels
  - [001] - EVO192 256K
- TCP/IP Modules
  - [001] - IP150

Product (Family)	Firmware Ver	SN	Bootloader Ver
<input checked="" type="checkbox"/> IP150 (TCP/IP)	4.20.008		2.12.001

## 1. Upgrading IP150 v4.xx with bootloader 2.13 or 2.14 to firmware v5.2.45

IP150 modules with bootloader 2.13 or 2.14 can be upgraded to v5.2.45 with the current Infield 5.5.24 found in Babyware 5.4.26 on our website, as follows:

- Connect to the panel/site with **Infield 5.5.24**
- Select the IP150 module
- The latest PUF file will be automatically selected
- Click on Start transfer
- Wait until the upgrade finishes

## 2. Upgrading IP150 v4.xx with bootloader 2.12 to firmware v5.2.45

IP150 modules with bootloader 2.12 cannot be upgraded to v5.2.45 by the standard procedure.

In order to upgrade these modules, please follow this procedure:

- Do a port forwarding for the software port of the IP150 (port 10000 by default)
- Download firmware 5.2.45 file from Paradox website
- Connect to the panel/site with **Infield 4.26.4**
- Select the IP150 module
- Click on Browse and select the 5.2.45 firmware file
- Click on start transfer
- Wait until the upgrade finishes

Notes:

- This procedure needs a router with NAT loopback feature
- If the router doesn't support NAT loopback, the upgrade should be done from 2 separate networks. The IP150 module should be connected on a network and Infield should be connected on a separate network (hotspot)

### 3. Upgrading IP150S v1.xx with bootloader 2.12 to firmware v5.2.45

IP150S modules with bootloader 2.12 cannot be upgraded to v5.2.45 by the standard procedure.

In order to upgrade these modules, please follow this procedure:

- **Set the IP150S to DHCP from the web interface**
- Download firmware 5.2.45 file from Paradox website
- Connect to the panel with **Infield 5.5.24**
- Select the IP150 module
- Click on Browse and select the 5.2.45 firmware file
- Click on start transfer
- Wait until the upgrade finishes

Note:

- This procedure does not need port forwarding or NAT loopback feature