

Upgrading EVO192 to firmware version 7.01.004

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Created by: Razvan Mirodotescu

Preface

The following document will explain how to upgrade the EVO192 panel to firmware version 7.01.004.

Firmware version 7.01.004 unlocks the processor of the EVO192 panel and enables 256K flash memory instead of 128K. The increased memory will facilitate adding new features and improvements in future firmware versions.

Please be advised that once you have upgraded to firmware version 7.x, downgrading to previous firmware versions (6.90 or lower) is NOT supported.

Downgrading from future V7.x to version 7.01.004 is supported.

The upgrading procedure is different for panels with firmware v6.x (or lower) and for new panels that came with firmware 7.00.001. Please find below the upgrade procedure for the two cases.

Only panels with hardware revision starting Sept 28, 2010 (ECO J026) and up can be upgraded: ECO J026, J033, J038, K013, K025, Q018, R006.

1. Upgrading Procedure (for panels v6.x or lower)

To upgrade the EVO192 panel to version 7.01.004, please use Infield version 5.1.48 and higher.

Please download the following firmware files:

EVO192_Upgrader256K_V1_00_001.PUF

EVO192_256K_V7_01_004.PUF

Please find the files in the firmware section of EVO192, on our website.

(<http://www.paradox.com/Products/default.asp?CATID=7&SUBCATID=68&PRD=158>)

Run Infield 5.1.48 or higher and connect to the panel. Notice that the panel will show “128K” next to the panel type. This shows that the EVO192 panel has the processor locked to 128K flash memory.

Click on the “Browse” button, select the EVO192_Upgrader256K_V1_00_001.PUF file and click “Start Transfer”.

The screenshot shows the 'In-Field Paradox Upgrade Software' window. The interface is divided into four steps:

- Step 1: Select Communication Settings**
 - Tabs: Serial | Internet | GPRS | Multi-Serial | Static IP
 - Port: USB Serial Port (COM5)
 - Transfer Maximum Speed: Automatic
- Step 2: Select Device(s)**
 - Buttons: Refresh, Disconnect, Select All, Unselect All, Voice ID
 - Tree view: Via COM5 at 57600 baud > Control Panels > [001] - EVO192 128K
 - Table:

Product (Family)	Firmware Ver	SN	Bootloader Ver	Status
☒ EVO192 128K (DIGIPLEX)	6.86.000	0506A9D2	1.00.015	OK
- Step 3: Select Firmware File**
 - Firmware File: EVO192_Upgrader256K_V1_00_001.PUF
 - Buttons: Browse..., Get Latest from web
- Step 4: Transfer**
 - Button: Start Transfer

At the bottom, a disclaimer states: "One or more of the following US patents may apply; 7046142, 6215399, 6111256, 6104319, 5920259, 5886632, 5721542, 5287111, 5119069, 5077549 and RE39406. Canadian and international patents may also apply."

Once the transfer is completed, Infield will show the firmware as “none”. Wait 30 seconds after the upgrade has been completed.

Select the EVO192_256K_V7_01_004.PUF file and click on “Start Transfer” again.

The screenshot shows the 'In-Field Paradox Upgrade Software' window. The interface is divided into four steps:

- Step 1: Select Communication Settings**
 - Tabs: Serial | Internet | GPRS | Multi-Serial | Static IP
 - Port: USB Serial Port (COM5)
 - Transfer Maximum Speed: Automatic
- Step 2: Select Device(s)**
 - Buttons: Refresh, Disconnect, Select All, Unselect All, Voice ID
 - Left pane: Via COM5 at 9600 baud
 - Control Panels
 - [001] - EVO192 256K
 - Table:

Product (Family)	Firmware Ver	SN	Bootloader Ver	Status
☒ EVO192 256K (DIGIPLEX)	none	0506A9D2	1.00.015	OK
- Step 3: Select Firmware File**
 - Firmware File: EVO192_256K_V7_01_004.puf
 - Buttons: Browse..., Get Latest from web
- Step 4: Transfer**
 - Button: Start Transfer

At the bottom, a disclaimer states: "One or more of the following US patents may apply; 7046142, 6215399, 6111256, 6104319, 5920259, 5886632, 5721542, 5287111, 5119069, 5077549 and RE39406. Canadian and international patents may also apply."

After the panel is upgraded, Infield will show firmware 7.01.004 and the unlocked processor flash memory of 256K.

The screenshot shows the 'In-Field Paradox Upgrade Software' window. It features the Paradox logo at the top and is divided into four steps:

- Step 1: Select Communication Settings**: Includes tabs for Serial, Internet, GPRS, Multi-Serial, and Static IP. The 'Serial' tab is active, showing 'Port' set to 'USB Serial Port (COM5)' and 'Transfer Maximum Speed' set to 'Automatic'.
- Step 2: Select Device(s)**: Contains 'Refresh' and 'Disconnect' buttons. A tree view on the left shows 'Via COM5 at 57600 baud' > 'Control Panels' > '[001] - EVO192 256K'. A table on the right lists detected devices:

Product (Family)	Firmware Ver	SN	Bootloader Ver	Status
☒ EVO192 256K (DIGIPLEX)	7.01.004	0506A9D2	1.00.015	OK

 The 'Firmware Ver' '7.01.004' is circled in red.
- Step 3: Select Firmware File**: Shows a dropdown menu with 'EVO192_256K_V7_01_004.puf', a 'Browse...' button, and a 'Get Latest from web' button with the Paradox website URL.
- Step 4: Transfer**: Contains a 'Start Transfer' button.

At the bottom, a disclaimer states: 'One or more of the following US patents may apply; 7046142, 6215399, 6111256, 6104319, 5920259, 5886632, 5721542, 5287111, 5119069, 5077549 and RE39406. Canadian and international patents may also apply.'

Press on the disconnect button to finalize the upgrade procedure.

2. Upgrading Procedure (from firmware 7.00.001)

Upgrading panels that comes with firmware 7.x doesn't require upgrading to the "Upgrader256K". PUF file since they already have the 256K flash memory available.

What's new in firmware 7.01.004:

- support of the intelligent label broadcast – when a module requests a label, it receives only its own label, instead of all panel labels
- minor bug fixing

Run Infield 5.1.48 or higher and connect to the panel.

Select the EVO192_256K_V7_01_004.PUF file and click on "Start Transfer".

The screenshot shows the 'In-Field Paradox Upgrade Software' window. The interface is divided into four steps:

- Step 1: Select Communication Settings**
 - Serial | Internet | GPRS | Multi-Serial | Static IP
 - Port: USB Serial Port (COM5)
 - Transfer Maximum Speed: Automatic
- Step 2: Select Device(s)**
 - Buttons: Refresh, Disconnect, Select All, Unselect All, Voice ID
 - Left pane: Via COM5 at 57600 baud, Control Panel, [001] - EVO192 256K (circled in red)
 - Table:

Product (Family)	Firmware Ver	SN	Bootloader Ver	Status
✓ EVO192 256K (DIGIPLEX)	7.00.001 (circled in red)	0506A9D2	1.00.015	OK
- Step 3: Select Firmware File**
 - Firmware File: EVO192_256K_V7_01_004.puf (circled in red)
 - Buttons: Browse..., Get Latest from web
- Step 4: Transfer**
 - Start Transfer button

At the bottom, a disclaimer states: "One or more of the following US patents may apply: 7046142, 6215399, 6111256, 6104319, 5920259, 5886632, 5721542, 5287111, 5119069, 5077549 and RE39406. Canadian and international patents may also apply."

After the panel is upgraded, Infield will show firmware 7.01.004. Press on the disconnect button to finalize the upgrade procedure.