<table>
<thead>
<tr>
<th>Product:</th>
<th>IP Router</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type:</td>
<td>IPR/S3.1.1</td>
</tr>
<tr>
<td>Current application program:</td>
<td>IP Router/2.0</td>
</tr>
<tr>
<td></td>
<td>IP Router/1.1</td>
</tr>
<tr>
<td>Current firmware:</td>
<td>V2.0.493</td>
</tr>
</tbody>
</table>

Software Information Firmware: V2.0.493

From: 05/2018

Improvement of operational performance and long term stability

Software Information Firmware: V2.0.480

From: 10/2017

Improvement of operational performance and long term stability

Software Information Application: IP Router/2.0

From: Market introduction (November 2015)
Application programs:

Different application programs are available with the IPR/S3.1.1 for ETS 3 and ETS 4/5. Some of the functions for the ETS 4/5 are not available in the applications for the ETS 3.

<table>
<thead>
<tr>
<th>Device</th>
<th>IPR/S 2.1</th>
<th>IPR/S 3.1.1</th>
<th>IPR/S 3.1.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application</td>
<td>IP Router/1.0</td>
<td>IP Router/1.1</td>
<td>IP Router/2.0</td>
</tr>
<tr>
<td>ETS</td>
<td>ETS 3/ETS 4</td>
<td>ETS 3</td>
<td>ETS 4/ETS 5</td>
</tr>
</tbody>
</table>

**Properties of IP Router**

- **Number of tunneling servers**: 1, 1, 5
- **Number of unicast connections**: 3, 10, 10
- **Monitoring for bus voltage failure** (see chapter *Monitoring for bus voltage failure*, p. 6): - ; ■ ; ■
- **Filter Group telegrams main group 0..13**: ■ ; ■ ; ■
- **Filter Group telegrams main group 14..31**: - ; - ; ■ (ETS 4.1.7 or higher)
- **IP discovery (i-bus® Tool)**: ■ ; ■ ; ■
- **Firmware update (i-bus® Tool)**: ■ ; ■ ; ■
- **Unicast parameterization (i-bus® Tool)**: ■ ; ■ ; ■
- **Power over Ethernet**: ■ ; ■ ; ■

■ = property applies  
- = property does not apply

Important notices:

- For the application version IP Router/2.0 the device name is loaded into the device using the properties window in the ETS (change in ETS functionality).
  - In ETS4 there is a bug regarding that function. The device name is not loaded into the device until at least one character of the default device name is changed.  
  - In ETS5 this function works properly.

- The function „Blink LED“ that can be used during commissioning with the i-bus Tool is not possible until the application program has been downloaded into the device.