## WEcabin Displays
Intelligent HMI Solutions from Würth Elektronik ICS

### WEcabin Display i7

**Technical Data**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Processor</td>
<td>ARM® Cortex®-A8</td>
</tr>
<tr>
<td>RAM</td>
<td>512 MB</td>
</tr>
<tr>
<td>Flash memory</td>
<td>4 GB</td>
</tr>
<tr>
<td>Operating system</td>
<td>Linux</td>
</tr>
<tr>
<td>Sensors</td>
<td>Acceleration sensor, temperature sensor, pressure sensor</td>
</tr>
<tr>
<td>Display</td>
<td>7”, 16:9, 16 bit, 800 x 480 WVGA, 500 cd/m²</td>
</tr>
<tr>
<td>User interface</td>
<td>Capacitive touch screen with optical bonding</td>
</tr>
<tr>
<td>Interfaces</td>
<td>2 x CAN 2.0 high-speed, 2 x USB 2.0, 1 x Ethernet 10/100 Mbit/s, 1 x RS-232 / RS-485, 4 x Digital inputs, 4 x Digital outputs</td>
</tr>
<tr>
<td>Video / Camera</td>
<td>IP camera</td>
</tr>
<tr>
<td>Operating voltage</td>
<td>8 V – 32 V DC</td>
</tr>
<tr>
<td>Environmental conditions</td>
<td>Operating temperature: -30 °C to +85 °C, Storage temperature: -40 °C to +95 °C, Protection class: IP66</td>
</tr>
<tr>
<td>Connectors</td>
<td>AMP SUPERSEAL 34 Way</td>
</tr>
<tr>
<td>Programming environment</td>
<td>WEcabin Designer</td>
</tr>
</tbody>
</table>

**Options:**

- Versions with and without programmable keys
- Versions with and without capacitive touch screen
- Versions with and without Wi-Fi and Bluetooth interfaces

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WEcabin Displays
Intelligent HMI Solutions from Würth Elektronik ICS

- CAN-capable displays for controlling and monitoring vehicle and comfort functions in mobile machines and commercial vehicles
- Robust, UV resistant housing for the use in harsh environmental conditions
- High optical performance ensures good readability in all lighting conditions
- Easy to customize for individual design of graphical user interface (GUI) with WEcabin Designer

www.we-online.com/ics
The WEcabin Displays offer high functionality and integration capability into new and existing cabin concepts.

**WEcabin Designer**

Easy and intuitive programming of individual user interfaces with WEcabin Designer

- Simple drag-and-drop widget-based programming
- Dynamic control of the widget properties using JavaScript
- Easy updating of the user interfaces via Ethernet or USB
- Support of SAE J1939 and Raw CAN protocols
- Support of image formats such as SVG, JPEG, PNG or BMP
High optical performance

Good readability in sunlight

Projective capacitive touch screen with multi touch and gesture operations

Robust IP66 housing with 3.2 mm scratchproof glass

Wide range of interfaces available

Access over mobile devices (smartphone, tablet or desktop)

Standard mounting solutions available (In-dash, RAM, VESA)

Optional IEC 61131-3 PLC programming

Mounting Possibilities

- In-dash mounting
- RAM mounting
- VESA mounting