


**HMI 7 Lx G2**

# *digsy*<sup>®</sup> HMI 7 G2

**Compact and economical human machine interface family for mobile applications which supports landscape and portrait mode visualization.**

**Programmable in CODESYS V3.5 according to IEC 61131-3.**

**Integrated web visualization.**

The *digsy*<sup>®</sup> **HMI 7** human machine interface family consists of five different versions from compact to powerful. With its integrated PLC and CAN-master capability, it is the perfect solution for mid-sized applications, which require a cost-effective control and visualization system.

A special feature of these HMI's are the buttons which have been designed to be operated with gloves and which offer a great tactile feedback. Additionally a touch-screen and a rotary encoder are available to navigate through the menus.

### Technical data / Order information

Product	HMI 7 SB G2	HMI 7 SB-T G2	HMI 7 SE G2	HMI 7 LB G2	HMI 7 LE G2
Order code	4885.86.170	4885.86.174	4885.86.171	4885.86.172	4885.86.173
Transmissive display / format	7" TFT / 15:9	7" TFT / 15:9	7" TFT / 15:9	7" TFT / 15:9	7" TFT / 15:9
Resolution / colours	800 x 480 / 16,7 Mio.	800 x 480 / 16,7 Mio.	800 x 480 / 16,7 Mio.	800 x 480 / 16,7 Mio.	800 x 480 / 16,7 Mio.
Backlight / contrast ratio	500 cd/m <sup>2</sup> / 600:1	500 cd/m <sup>2</sup> / 600:1	500 cd/m <sup>2</sup> / 600:1	500 cd/m <sup>2</sup> / 600:1	500 cd/m <sup>2</sup> / 600:1
PCT touch-screen / encoder	- / -	✓ / -	✓ / -	- / ✓	✓ / ✓
Keys left / right of display	- / -	- / -	- / -	6 / 6 + 4	6 / 6 + 4
CPU / Clock rate	IMX6, 800 MHz	IMX6, 800 MHz	IMX6, 800 MHz	IMX6, 800 MHz	IMX6, 800 MHz
Flash / RAM / EEPROM	2 GB/512 MB/32 kB	2 GB/512 MB/32 kB	4 GB/512 MB/32 kB	2 GB/512 MB/32 kB	4 GB/512 MB/32 kB
Real Time Clock	✓	✓	✓	✓	✓
Buzzer, 1 kHz, 80 db @ 1 m	✓	✓	✓	✓	✓
Audio output, 65 mW @ 32 Ω	-	-	✓	-	✓
CAN / RS-232 Interfaces	2 / 1	2 / 1	2 / 1	2 / 1	2 / 1
CANopen / J1939 / Layer-2	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
Ethernet interface	✓	✓	✓	✓	✓
USB on main connector / front	✓ / -	✓ / -	✓ / -	✓ / -	✓ / ✓
Inputs / outputs	- / -	- / -	4 / 3	- / -	4 / 3
Camera inputs	1	1	3	1	3
e1 certification	On request	On request	On request	✓	✓

**General:**

- Operating voltage: 9 ... 36 V
- Operating temperature: -30 °C ... +65 °C
- Storage temperature: -40 °C ... +85 °C
- Shock- and vibration proof
- EMC proof according to automotive standards
- Degree of protection: IP65, IP66 acc. to ISO 20653
- Dimensions of HMI 7 Sx: appr. 224 x 145 x 67 mm
- Dimensions of HMI 7 Lx: appr. 267 x 145 x 78 mm

**Accessories:**

- Connector-set, 26 poles 4305.86.001
- Build-in mounting frame for HMI 7 Sx 4305.86.070
- Build-in mounting frame for HMI 7 Lx 4305.86.071
- Adaptor for RAM<sup>®</sup> Mount (RAM<sup>®</sup> Mount not included) 4305.86.072
- Target support package 4395.86.004

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