

# C6 HMI LC



## HIGHLIGHTS

- All-in-one automation solution
- Controller with EtherCAT® master
- High-quality visualisation
- Integrated remote maintenance
- Micro UPS for protection of non-volatile data
- Software tool for backup, restore and transfer of systems

# C6 HMI LC

PROTECTION CLASS IP66

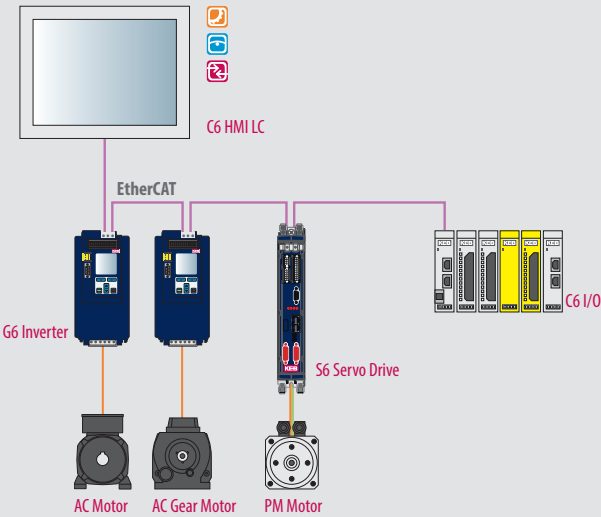
4:3 AND 16:9 FORMATS



ALUMINIUM FRAME

16 MILLION COLOURS

TOUCH SCREEN



**CPU**

Processor	ARM Cortex A8 - Freescale i.MX535, 1 GHz, 400 MHz Memory Bus
System memory	1 GB DDR3-800
Graphic controller	GPU with integrated LCD Controller

**MASS MEMORY**

NAND Flash	256 MB for operating system and runtime environments (internal, not removable)
eMMC (Solid State Disk)	4 GB project memory for further free use

**OPERATING DATA**

Power supply	18 ... 36 V DC (isolated power supply)
Operating environment	0 ... 50 °C, Rel. humidity 80 % (without condensation)
Storage conditions	-20 ... 60 °C, Rel. humidity 80 % (without condensation)

**OPERATING SYSTEM**

Windows Embedded Compact 7 Pro

**APPROVALS**

CE (EN 55022, EN 61000-3-2/3, EN 55024, EN 60950-1), cULus LISTED (UL508)

**PANEL**

Display size	5.7"	7"W	8.4"	10.1"W	10.4"	12.1"	12.1"W	15"	15.6"W
Format	4:3	15:9	4:3	16:10	4:3	4:3	16:10	4:3	16:9
Resolution	640 x 480	800 x 480	800 x 600	1280 x 800	800 x 600	800 x 600	1280 x 800	1024 x 768	1366 x 768
Colours	256 K	16 M	16 M	16 M	16 M	16 M	16 M	16 M	16 M
Brightness	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>	450 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>
Viewing angle (L:R/O:U)	140°, 100°	140°, 120°	150°, 130°	160°, 160°	160°, 140°	160°, 140°	176°, 176°	160°, 140°	170°, 160°
Touch technology	Resistive 4 wire		Resistive 5 wire						
Protection class	IP66 On front								
Front panel	Aluminium. Polycarbonate								

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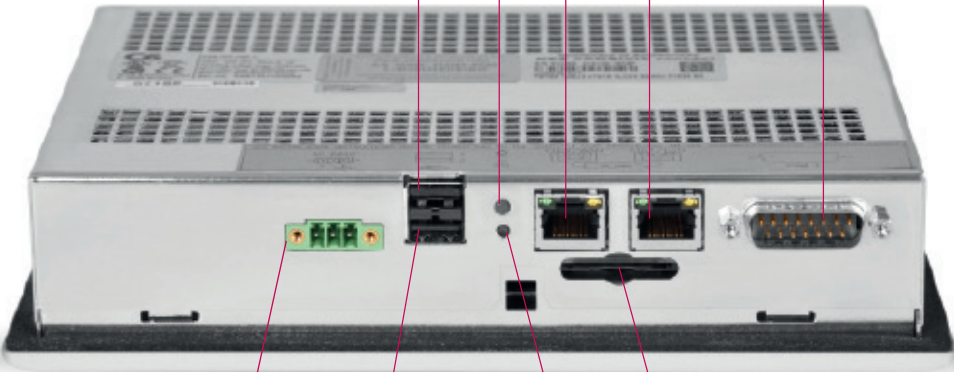
NETWORK-ON LED

USB 1 (TYP A 2.0)

LAN 2 (10/100 MBPS) (COMBIVIS CONNECT)

LAN 1 (100 MBPS)

COM 1 (RS232/422/485/MPI)



DC POWER SUPPLY

USB 2 (TYP A, 2.0)

SD CARD SLOT

RESET BUTTON

**INTERFACES**

Ethernet / EtherCAT®	1 x 100 Mbps (RJ45), 1 x 10/100 Mbps (RJ45)
USB on back	2 x USB 2.0
Serial interface	1 x RS232/422/485 (DB15M) / MPI 187.5 kbit/s
SD/SDHC card slot	External access / removable V 2.0 (push-push type)

PANEL SIZE	A	B	C	D	E	F	G	H	J	K	L	M	N
5.7"	175	145	5	40	–	7	–	131	–	–	161	164	134
7.0" W	215	155	5	40	–	7	–	141	–	–	201	204	144
8.4"	255	190	5	19.5	29	7.5	15	130	30	42	156	243	179
10.1"W	293	201.5	5	19.5	29	6.5	15	130	43.5	62	156	285	193.5
10.4"	295	230	5	19.5	29	7.5	15	130	70	62	156	283	219
12.1"	325	260	5	19.5	29	7.5	15	130	100	77	156	313	249
12.1"W	321	222.5	5	19.5	29	6.3	15	130	65	76	156	313	215
15.0"	390	305	6	19.5	29	7.5	15	130	145	109.5	156	378	294
15.6"W	420	265	6	19.5	29	7.5	15	130	105	124.5	156	410	255

