



## CCpilot XS FREELY PROGRAMMABLE MULTIFUNCTIONAL 10" AND 12" DISPLAY

CCpilot XS is a 10" and 12" full-color touch screen display with a powerful ARM CPU and a robust aluminium enclosure to endure the most challenging operating environments. The open software platform has a choice of tools for design of premium graphical user interfaces. This, together with XGA resolution, enables fast design of sharp user interfaces.

CCpilot XS has multifunctional capability and can be used as instrumentation display, machine control HMI, video monitor, electronic manual and more. By adding the wireless extension module CrossLink AI, featuring WiFi, modem, GNSS and Bluetooth, CCpilot XS can be used for telematics, GIS and Fleet Management functionality.

**Turn for technical specifications »**

### Standard models

PART NUMBER	DISPLAY SIZE		WIRED INTERFACES VERSION		MOUNTING VERSION	
	10"4	12"1	Standard	Net+	Vesa	Panel
C000 126-52	•		•		•	
C000 126-252	•		•			•
C000 126-265	•			•	•	
C000 126-280		•	•		•	
C000 126-54		•	•			•
C000 126-316		•		•	•	

# CCpilot XS PRODUCT SPECIFICATIONS

COMPUTING CORE	
<b>MAIN PROCESSOR</b>	Freescale i.MX 537, 32 Bit ARM processor. Runs freely programmable Linux system and LinX Software Suite base package.
<b>COPROCESSOR</b>	Runs watchdog functions controlling integrity of product, for increased reliability and safety.
<b>STORAGE</b>	4 GB flash for for operating system and applications.
<b>RAM</b>	256 MB DDR3
<b>GPU</b>	Integrated Graphics Processing Unit supporting hardware accelerated 2D, 3D and vector graphics.

DISPLAY	
<b>TYPE</b>	TFT with LED backlight.
<b>COVER LENS</b>	Plastic with anti-glare treatment.
<b>SIZE AND RESOLUTION</b>	10"4 or 12"1, XGA, 1024 x 768 pixels
<b>COLOR DEPTH</b>	24 bit
<b>CONTRAST RATIO</b>	10" - 700:1, 12" - 600:1
<b>BRIGHTNESS*</b>	10" - 600 cd/m <sup>2</sup> 12" - 500cd/m <sup>2</sup>
<b>DIMMING</b>	Automatic dimming through ambient light sensor. Dimming can be controlled manually via soft keys and/or touch screen.

HMI	
<b>TOUCH SCREEN</b>	Resistive
<b>SOFT KEYS</b>	3 soft keys, configurable. Default function is Power On/Off and control of display brightness.
<b>STATUS LED</b>	Configurable status LED in front panel. Default function is for boot-up status and faults.
<b>BUZZER</b>	Configurable buzzer for alarms and notifications.

INTERFACES - COMMON FOR ALL VERSIONS	
<b>ETHERNET</b>	1 x Ethernet. 10/100 Base-T.
<b>SERIAL</b>	1 x RS232. Galvanically isolated.
<b>AUDIO</b>	Stereo line out.
<b>POWER SUPPLY</b>	12 or 24 VDC nominal voltage. Voltage range 10-34 VDC. CPU and communication operational down to 6,0 VDC.

INTERFACES - STANDARD VERSION	
<b>USB</b>	1 x USB 2.0.
<b>CAN</b>	2 x CAN, physical layer ISO 11898 2.0B. Bitrate configurable 20 kbps - 1 Mbps. Galvanically isolated.
<b>VIDEO</b>	4 x Analogue Video in, NTSC or PAL. 4 x video power supply, 12V, combined current limit at 0.5A, individual on/off control.
<b>DIGITAL I/O</b>	4 x Configurable as in or out. Galvanically isolated.

INTERFACES - NET+ VERSION	
<b>CAN</b>	4 x CAN, physical layer ISO 11898 2.0B. Bitrate configurable 20 kbps - 1 Mbps. CAN power output: 1A shared by all outputs. Not galvanically isolated.
<b>USB</b>	2 x USB 2.0.

SOFTWARE	
<b>OPERATING SYSTEM</b>	Linux
<b>SOFTWARE APPLICATION PLATFORM</b>	LinX Software Suite, basic package. Extension modules available, eg. CODESYS.

ENVIRONMENT	
<b>IP CLASS</b>	IP65
<b>EMC CONFORMITY</b>	2004/108/EC, EN61000-6-2:2005, EN61000-6-4:2007, ISO 14982:2009
<b>VIBRATIONS</b>	0,01g2/Hz 5-200 Hz
<b>SHOCK</b>	5 g/11ms 3x ±1000 bumps
<b>TEMPERATURE RANGE (°C)</b>	Operating: -25 to +70 Storage: -40 to +85

ENCLOSURE	
<b>HOUSING MATERIAL</b>	Aluminium
<b>MECHANICAL INSTALLATION</b>	One version for flush/panel mounting and one version for mounting on stand/arm with VESA 50 bracket.
<b>CONNECTORS</b>	DIN M12 for all wired interfaces. SMA for wireless interfaces/antennas.

SIZE AND WEIGHT	
<b>W x H x D (mm)</b>	10": 278 x 215 x 69 12": 316 x 251 x 72,2
<b>WEIGHT (kg)</b>	10": 2,2 12": 3,1

\* Typical values

## crosscontrol

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