CCpilot VC is a 5” full-colour display with a powerful ARM CPU. The open LinX™ software platform offers a choice of powerful tools for application development. This, together with a WVGA high brightness display and hardware accelerated 2D, 3D and vector graphics, enables fast design of premium user interfaces. With optional touch screen and configurable soft keys, operators are offered an intuitive interaction with the system.

CCpilot VC 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 VC can be used for telematics, GIS and Fleet Management functionality.

Turn for technical specifications »

### Standard models

<table>
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<tr>
<th>PART NUMBER</th>
<th>SOFT KEYS</th>
<th>TOUCH SCREEN</th>
<th>OPTICAL BONDING</th>
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### COMPUTING CORE

**MAIN PROCESSOR**
Freescale i.MX 537, 32 Bit ARM processor. Runs freely programmable Linux system and LinX™ Software Suite base package.

**COPROCESSOR**
Runs watchdog functions controlling integrity of product, for increased reliability and safety.

**STORAGE**
512 MB NAND flash for operating system and applications.

**RAM**
512 MB DDR3

**GPU**
Integrated Graphics Processing Unit supporting hardware accelerated 2D, 3D and vector graphics.

### DISPLAY

**TYPE**
TFT with LED backlight.

**COVER LENS**
Glass with anti-reflective treatment

**SIZE AND RESOLUTION**
5” WVGA, 800 x 480 pixels

**COLOR DEPTH**
24 bit

**CONTRAST RATIO**
600:1

**BRIGHTNESS**
800Cd/m² without touch screen, 700 Cd/m² with touch screen.

**DIMMING**
Automatic dimming through ambient light sensor. Dimming can be controlled manually via soft keys and/or touch screen.

**OPTICAL BONDING**
TFT and glass optically bonded. Optical bonding is optional.

### SOFTWARE

**OPERATING SYSTEM**
Linux

**SOFTWARE APPLICATION PLATFORM**
LinX™ Software Suite, basic package. Extension modules available, eg. CODESYS.

### ENVIROMENT

**IP CLASS**
IP66

**EMC CONFORMITY**

**VIBRATIONS**
0.02g/Hz 5-500 Hz

**SHOCK**
30g/1ms 3x ±10 bumps

**TEMPERATURE RANGE (°C)**
Operating range: -25 to +70
Storage range: -40 to +85

### ENCLOSURE

**HOUSING MATERIAL**
Reinforced nylon

**MECHANICAL INSTALLATION**
Flush/panel mounting or mounting on stand/arm with diamond plate.

**CONNECTORS**
2 x Deutsch DTM06-12 connectors, 1 x Mini-USB.

### SIZE AND WEIGHT

**W x H x D (mm)**
187 x 112 x 48

**WEIGHT (kg)**
0.42

* Typical values

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