The multi-functional payment terminal module

- High-resolution colour display.
- Fast system and processing power.
- Highly integrated design.
- Vandal-proof.
- Simple installation and integration.
- Certified to the latest standards.
- Low power consumption.

Our team is here to assist you
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www.ccv.ch
**CCV OPP-C60**

**Highly integrated, modular and vandal-proof.**

**Electronic payment**
The OPP-C60 multifunctional payment terminal module is a standardised payment system that is easy to install in fuel, parking, ticket or kiosk systems.

**Bright and colourful**
The latest generation of high-resolution colour displays provides a crystal-clear and sharp image even in difficult conditions, such as in direct sunlight.

**Uncompromising security**
Together, the OPP-C60 and the highly secure card reader SCR-C meet the most stringent security requirements. The SCR-C secure card reader is equipped with encrypted data transmission to the OPP-C60 as well as an encapsulated housing. This combination meets the requirements of the ep2 standard and PCI-PTS 3.x specifications.

**Existing terminals are easy to convert**
The new terminal can be integrated into all conventional installation and aperture sizes, enabling existing payment terminals to be converted while keeping costs to a minimum.

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**Technical data OPP-C60**

**Core memory**
385MB (256MB Flash, 128MB DDR2 RAM, 1MB SRAM)

**Processor**
32-Bit ARM11 microprocessor
Clock rate 533 MHz

**Keypad**
Vandal-proof stainless steel keypad in accordance with IK10, keys are raised above the front panel, abrasion-resistant laser-engraved with tactile feedback, in accordance with EBS100 standard
OPP-C60 Standard:
20 keys, of which 4 are configurable function keys
OPP-C60 Compact:
16 keys

**Operating system**
Embedded Linux

**Front panel**
Brushed stainless steel, vandal-proof, IP 65 when installed correctly, can be installed flush in terminal front panels up to 3 mm thick

**Display**
TFT colour display, QVGA, 320x240 px, high luminosity, high contrast, graphics capability, remains legible in sunlight
OPP-C60 Standard:
3,5” diagonal
OPP-C60 Compact:
2,7” diagonal

**Power supply**
9V - 25V, with protection against reverse polarity
Heating: 12V or 24V
Low power consumption

**Cash register interface**
O.P.I. protocol
2VT cash register protocol
MDB - Multi Drop Bus
More on request

**Communication / interfaces**
1x LAN
2x USB (USB 2.0 OTG 480MBit/s
USB Mini-B, USB 2.0 Host 12MBit/s
USB-A)
4x RS232 (COM, SCR, PDS, MDB)
2x SAM
Optional: GSM/GPRS external

**Dimensions OPP-C60s Standard**
External dimensions (LxWxH)
199x140x50mm
Panel (LxW) 160x101mm
Weight 995g

**OPP-C60c Compact**
External dimensions (LxWxH)
141x92x50mm
Panel (LxW) 120x82mm
Weight 583g

**Temperature**
Operating temperature: -20°C to 70°C
5%... 90% relative humidity, non-condensing

**Licensing**
EMV Level1 / Level2, PCI-PTS 3.x,
DK (ZKA) 7.1, DC POS 2.5, RoHS, CE, TA 7:1
Ep2, MasterCard, PayPass™,
Visa payWave™

**Sound module**
Optional: stereo loudspeaker output
1W / 80hm for passive systems

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**Product versions OPP and SCR**

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**Technical data SCR-C**
- Vandal-proof metal mouthpiece
- Chip and magnetic track reader (3 tracks)
- Card lock with emergency release mechanism
- Optical status display via 3 LEDs with anti-skimming protection
- Heating (separate power supply)

**COR A10**
- Contactless reader for OPP-C60 and OPM-C60
- 4 LEDs for status display

**COR A20**
- Contactless reader for OPP-C60 and OPM-C60
- 4 LEDs for status display

**COR B20**
- Contactless reader for OPP-C60 and OPM-C60
- 4 LEDs for status display
- Chip card reader

All COR readers are vandal-proof in accordance with IK07 and feature a compact design and EVA-standard dimensions

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**let’s make payment happen**

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