

Access Touch 4.0



ACCESS TOUCH 4.0
257 x 152 x 96 mm

Product features and benefits

- Versatile, new generation capacitive 7" touch screen terminal
- Integrated computer and RFID reader
- Ideal for access control and time & attendance



Electrical specifications

CPU name	Freescale® Vybrid™
CPU type	ARM Cortex™-A5, Cortex™-M4
CPU cores	2x
CPU clock	500 MHz (A5), 167 MHz (M4) Optional CPU variants available, contact Idesco
Memory RAM	256MB DDR3 (16 Bit)
Integrated on- board flash drive	512MB NAND (8 Bit)
Micro SD card slot	Available
Display Glass	Thermally toughened safety glass (DIN EN 12150-1)
Touch panel display	7" capacitive
Display resolution	800 x 480 pixels
Audio	Internal speaker
Operating System	Linux, Windows Embedded Compact 2013 with .NET Framework V3.9
Input voltage	15 - 30 VDC, internal backup capacitors for safe shutdown
Power consumption	12 W
PoE	Yes

Supported card technologies

RFID module options	<p>Microlog</p> <p>125 kHz: EM4102, Hitag2, HID Prox</p> <p>13,56 MHz: MIFARE® DESFire EV1 & EV2 & EV3; UID + Application files MIFARE® Classic; UID + Sectors; MIFARE® Ultralight; UID + Pages: MIFARE® Plus X, S, SE, Ev1, Ev2; UID security levels 1 and 3</p>
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Mechanical specifications

Housing material	Plastic, glass front plate
Installation method	Screws with separate wall mounting unit, VESA mounting option
Protection class	IP20

Idesco Oy

Elektroniikkatie 4
90590 Oulu
Finland

Tel. +358 (0)20 743 4175
Email info@idesco.fi
idesco.fi



Environmental specifications

Operational temperature range	-0...+45 °C°
Storage temperature range	-0...+55 °C

Interface specifications

Available interfaces	Ethernet, RS232, Wiegand, USB 2x, RS485 optional
Ethernet	10/100 Mbit w IEEE1588
RS232	1 internal for reader module, 1 for external use
Wiegand	Two Wiegand reader inputs
Inputs / Outputs	2 inputs, 3 (2 current limited, 1 open drain FET output)
Relay outputs	1 (30 VDC@500 mA)
WLAN	Linux OS: Ralink RT3070 & Realtek RTL8188SU drivers pre-installed
6LoWPAN	Optional (USB)

Standards used for CE conformity

R&TTE 1999/5/EC	EN60950-1:2006 + A11:2009 + A1:2010 + A12:2011+ A2:2013 EN300330-1 V1.7.1, EN300330-1 V1.5.1
EMC 2004/108/EC	EN301489-1 V1.9.2, EN301489-3 V1.6.1 EN50130- 4:2011
RoHS 2011/65/EU	EN50581:2012

Other features

Easy to use protocol for I/O-handling

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