

Access Touch 4.0



Product features and benefits

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

Access Touch 4.0 is our next generation touch screen RFID reader, packed into a significantly smaller profile than previous Access Touch devices. It rests a platform robustly capable of running access control and time & attendance applications requiring a screen interface.

This unit may be confidently assigned management of wireless systems or time and attendance, payment, alarm control, access control or info screen functions, etc. However, it truly excels in a multi-tasked setting, confidently overseeing multiple assignments.

A variety of RFID technologies are available for the reader function, from 125 kHz to 13,56 MHz technologies.

Technical 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 pixel
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
RFID module options	125 kHz: EM4102, Hitag2, HID Prox, Microlog 13,56 MHz: MIFARE® DESFire: UID + Application files , MIFARE® Classic: UID + Sectors, MIFARE® Ultra-light UID + pages, MIFARE® Plus UID security levels 1 and 3, MIFARE® SmartMX (MIFARE® Classic and MIFARE® DESFire EV1 emulation modes), NFC (UID), Mifare Classic 7 Byte UID + sectors, Legic, ISO15693 (UID)
Mechanical specifications	
Dimensions of housing (hwxwd)	257 x 152 x 96 mm
Material of housing	Plastic, glass front plate
Installation method	Screws with separate wall mounting unit, VESA mounting option
Environmental specifications	
Protection class	IP20
Operational temperature range	-0...+45 °C
Storage temperature range	-0...+55 °C
Interfaces	
Ethernet	10/100 Mbit w IEEE1588
RS232	1 internal for reader module, 1 for external use
Wiegand	Two Wiegand reader inputs
USB	2x
Wlan	Linux OS: Ralink RT3070 & Realtek RTL8188SU drivers pre-installed
6LoWPAN	Optional (USB)
RS485	Optional
Inputs and outputs	
Inputs	2
Outputs	3 (2 current limited, 1 open drain FET output)
Relay outputs	1 (30 VDC@500 mA)
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	
Easy to use protocol for I/O-handling	

Idesco Oy reserves the right to revise this publication and to make changes to its content as well as the right to change or discontinue these products, at any time, without obligation to notify any person or entity of such revisions or changes. All trademarks and registered trademarks are property of their respective owners. 13.06.2023. C00684E v.1.08.