

# Access Touch 3.1

## 8,4" rugged touch screen terminal



Access Touch 3.1 is an elegant and versatile capacitive touchscreen terminal with its own integrated computer and RFID reader enclosed in a traditionally rugged Idesco housing. 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. Access Touch 3.1 comes loaded with Linux; Windows XP Pro is available on request.

The Idesco Access Touch 3.1 possesses robust computer processor capability, enabling numerous options for customizing a wide span of solutions. Distinguishing this innovative touchscreen terminal further, it possesses an integrated RFID reader unit, fully customizable to meet your requirements, as well as an abundance of ports for interfacing other components - including readers and controllers.

A variety of RFID technologies are available for the reader function, from 125 kHz to 13,56 MHz technologies. The device readily connects to wireless access control and UHF readers, also offered by Idesco. The Access Touch 3.1 may also be confidently assigned more robust responsibilities as a small host controller system, for Wiegand and RS232 readers and an RS485 system. Inputs and Outputs can be used to control locks and gates as well as other devices.

Finally, Idesco's Scandinavian sensibility lends a distinctive and elegant finish to the shock-proof glass surface with a front panel fully customizable to suit your needs. In short, Access Touch 3.1 is yet another hallmark of Scandinavian design: robust and rugged versatility matched only by its elegance of design.

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### Specifications

CPU	Intel® Atom™ Z510 1,1 GHz
Memory	512 MByte/1 GByte DDR2 on Module
Integrated on-board flash drive	2 GByte
SSD Memory Option (Serial ATA Interface)	From 4 GByte to 16 GByte
Serial ATA	1 (IDE bridge)
Touch Panel	8,4" capacitive technology
Display Resolution	WXGA 1366x768
Video Controller	Integrated Intel® Graphics, Intel® GMA 500 HDTV/HD capable. Decoder for MPEG2(HD) /H.2.64.
Audio	Intel® Hi Def Audio (24bit/96kHz)
Speakers	1 default, 2 outputs avail. on request
Operating System	Linux (Windows XP Pro on request)
Input Voltage	15 ... 30 VDC
Current Consumption	820 mA @ 15 VDC, 520 mA @ 24 VDC
Back-up battery	Yes, for safe shutdown
Housing Dimensions	330 x 200 x 100 mm
Housing Material	Metal, front plate of glass
Installation method	Screws with separate back plate or with VESA connector
Protection class	IP20
Operational range	-0 ... +50 °C
Storage range	-10 ... +50 °C
Interfaces	3 x USB 2.0 (when default COM-e module is used), 2 RS232 reader inputs, 2 Wiegand reader inputs, Ethernet (10/100 Mbit LAN), RS485
Optional Interfaces	WLAN, 6LoWPAN (IEEE 802.15.4)
Inputs	2
Outputs	2
Relay Outputs	2
Optical Tamper Input	1
EMC	EN 61000-6-2:2001 EN 61000-6-4:2001
<b>Options</b>	
Integrated RFID module	125 kHz (EM, Hitag2, HID, Microlog, Sokymat Unique); 13,56 MHz (Mifare Classic, Mifare Desfire, Legic, ISO15693, iClass (UID), NFC (UID)