

ACTpro-X

Proximity and Keypad Readers

ACT

Access Control Technology

Product Overview

The ACTpro-X reader is a multi-format reader that supports both the new ACTProx range of cards and fobs and existing HID-compatible tokens. The ACTpro-X reader is available as Proximity only (ACTpro-X 1030/1040), Pin and Proximity (ACTpro-X 1050), for additional security and Pin only (ACTpro-X 1060), where proximity cards are not required.

Main Features

- Multi-format reader
- Choice of proximity only, pin and proximity or pin only
- ACTProx Cards and Fobs supported
- HID-compatible tokens supported
- Surface or flush mount (mounting directly on to standard electrical back box)
- Indoor or outdoor installation (IP67)
- Built-in buzzer
- Tri-Colour LED
- Operates between -20C and +50C
- +5V DC to +12V DC operation
- Auto detect Clock and Data or 26-bit Wiegand Output
- Robust polycarbonate housing
- Vandal Resistant Cover (ACTpro-X 1030VR) available for the ACTpro-X 1030 proximity reader.

Installation / Specification Guidelines

- May be installed in exposed outdoor conditions (IP67)
- May be a maximum of 30m from the controller when powered from +5V DC
- May be up to 100m when powered from +12V DC
- Use 8 core screened cable



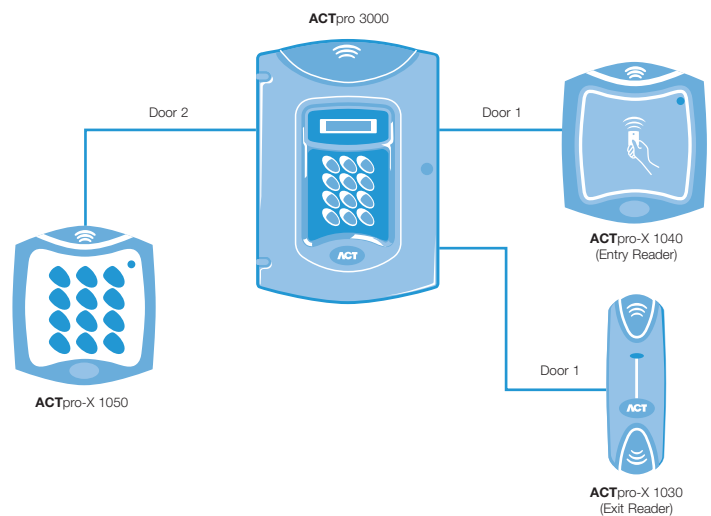
ACTpro-X 1040



ACTpro-X 1050/1060



ACTpro-X 1030



ACTpro-X Reader Schematic

ACTpro-X

Proximity and Keypad Readers



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Product Specification

ACTpro-X 1030

Operating Voltage:	5 - 12 Volts DC
Current Consumption:	40 mA
Weight:	200 grams
Operating Temperature:	-20 to +50 C
Dimensions (HxWxD):	108 x 36 x 13 mm
Mounting:	Surface or Flush
Installation:	Indoor/Outdoor (IP67)
Cabling:	2m Pigtail lead



Product Specification

ACTpro-X 1040/1050/1060

Operating Voltage:	5 - 12 Volts DC
Current Consumption:	40 mA
Weight:	300 grams
Operating Temperature:	-20 to +50 C
Dimensions (HxWxD):	110 x 100 x 35 mm
Mounting:	Surface or Flush
Installation:	Indoor/Outdoor (IP67)
Cabling:	Connector Blocks

Comparison chart

Feature	ACTpro-X 1030	ACTpro-X 1040	ACTpro-X 1050	ACTpro-X 1060	ACTpro-X 1030PM
Mullion Style	Yes				
Proximity	Yes	Yes	Yes		Yes
Keypad			Yes	Yes	
5 - 12V DC Operation	Yes	Yes	Yes	Yes	Yes
Connector Block		Yes	Yes	Yes	Yes
2m Pigtail Lead	Yes				
Vandal Resistant Cover	Yes				
IP rating	IP67	IP67	IP67	IP67	IP67
Potted Electronics	Yes	Yes	Yes	Yes	Yes
Panel Mount					Yes

Cabling Chart

From	To	Cable	Restriction
Reader	Controller	8 core screened	30m at 5volts DC 100m at 12volts DC

Product Specification

ACTProx Fob

Extremely robust with a max read range of 8 cm

ACTProx ISO Card

Suitable for ID printing with max read range of 10 cm

ACTProx HS Card

Half Shell Card with max read range of 10 cm

ACTProx DUO Card

Prox and Mag stripe with max read range of 10 cm. Suitable for ID printing

Ordering Information

Slimline Proximity Reader	ACTpro-X 1030
Proximity Reader	ACTpro-X 1040
Pin & Proximity Reader	ACTpro-X 1050
PIN only Reader	ACTpro-X 1060
Panel Mount Proximity Reader	ACTpro-X 1030 PM
Proximity Key Fob	ACTProx Fob-B*
Proximity ISO Card	ACTProx ISO-B*
Vandal Resistant Cover	ACTpro 1030 VR

* These cards and fobs are compatible with the ACTpro-X and ACTsmart2 proximity reader range



Flush mount plate

Surface mount collar

ACTpro-X 1030VR

ACTpro-X 1030PM

Surface and Flush Mount accessories available for ACTpro-x 1040/1050/1060 readers

