

Keyscan Aurora software

Technical specifications

Panel communications	Wiring	Maximum distance
Reader to ACU	22 AWG 3 pair shielded 18 AWG 3 pair shielded	500 ft (152 m)
Door lock to ACU	18 AWG 1 pair	500 ft (152 m)
Door contact to ACU	22 AWG 1 pair	500 ft (152 m)
Request to Exit (RTE) to ACU	22 AWG 2 pair	500 ft (152 m)
ACU to ACU (CIM)	CAT5 2 twisted pair	*3280 ft (1000m)

PC Communication options	Wiring	Maximum distance
Serial RS-232	22 AWG 5 conductor shielded	100 ft (30.5m)
RS-485	22 AWG 2 pair twisted CAT5	2000 ft (609.6m)
LAN/WAN (TCP/IP)	CAT 5	328 ft (100m)
USB-SER** (USB Adaptor)-RS-232	22 AWG 5 conductor shielded	100 ft (30.5m)
USB-SER** (USB Adaptor)-RS-485	22 AWG 2 pair twisted CAT5	2000 ft (609.6m)
CAN Bus (1 & 2)	CAT5 twisted pair ea.	*3280 ft (1000m)

PC Specifications

- The following list outlines minimum PC requirements to operate Keyscan Aurora software:
- Intel Core i7-4770 3.4GHz with 4 cores
- 16GB RAM 1600MHz DDR3 NON-ECC
- 500GB 7.2K RPM SATA 3Gbps 3.5in Hard Drive
- Windows software (see below)
- AMD RADEON HD 8490 1GB Dual Monitor or AMD RADEON HD8570 1GB Dual Monitor
- USB 2.0 Ports
- 8X DVD ROM, SATA, Internal
- Ethernet Port - 1GB Network Card
- Keyboard & Mouse
- UPS Backup

Operating system for Keyscan Aurora software

- Windows Server 2022 64-bit Standard
- Windows Server 2019 64-bit Standard
- Windows Server 2016 64-bit Standard
- Windows Server 2012 64-bit Standard
- Windows Server 2008 R2 SP1 64-bit Enterprise
- Windows Server 2008 R2 SP1 64-bit Standard
- Windows Server 2008 R2 SP1 64-bit Foundation
- Windows 11 Enterprise & Professional 64-bit
- Windows 10 Professional 64-bit
- Windows 8 Professional 64-bit
- Windows 7 SP1 64-bit Ultimate (not recommended)
- Windows 7 SP1 64-bit Enterprise (not recommended)
- Windows 7 SP1 64-bit Professional (not recommended)

Factsheet

© dormakaba 2025 Information on this sheet is intended for general use only. dormakaba reserves the right to alter designs and specifications without notice or obligation.

Any questions? We would be happy to advise you.
Contact us at: 1-888-539-7226