

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)

* Refer to CIM Distancing in set-up guide. ** Note - Baud rate dependant

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)

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