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Keyscan Aurora
Upgrade advantages

A new age for access control.

Aurora advantages

Aurora is Keyscan's latest access control management software application. Completely re-engineered and re-designed, Aurora is an evolutionary leap forward in access control management software with superior communication technologies, more standard features and the introduction of a 'people-centric' architecture for managing people and credentials.

OS Compatibility

Aurora	System VII
• Windows 11 Enterprise & Professional 64-bit • Windows 10 Professional 64-bit • Windows 8 Professional 64-bit • Windows 7 SP1 64-bit Ultimate, Enterprise or Professional (Aurora Client Only) • Windows Server 2022 Standard 64-bit • Windows Server 2019 64-bit Standard • Windows Server 2016 64-bit Standard • Windows Server 2012 R2 64-bit Standard • Windows Server 2012 64-bit Standard For more information about Aurora Specifications, visit our website. **Note:** Windows 7 is no longer supported by Microsoft. Keyscan does not recommend installing or re-installing Aurora software on computers utilizing Windows 7.	• Windows 8 – Professional & Enterprise – 32-bit or 64-bit • Windows Server 2012 – Standard version – 64 bit / graphical user interface enabled • Windows Server 2008 – Standard & Enterprise • Windows 7 SP3 or later – Professional, Enterprise & Ultimate • Vista Business • Windows XP Professional – see note • Windows Server 2003 **Note:** Windows XP is no longer supported by Microsoft. Keyscan does not recommend installing or re-installing either new or existing System VII software on computers with MS Windows XP.

Server/Computer requirements

Aurora	System VII
• Intel Core i7 – 4770 3.40 GHz or faster • 8 GB RAM 1600 MHz DDR3 NON-ECC or greater • Recommended 500 gigabytes of available hard disk space, 7.2K RPM SATA For larger access control systems, see the Aurora System Architecture paper on our website.	• Intel Pentium Dual Core 2.2 GHz or higher; Intel Core Duo 2.6 GHz or higher (Celeron and AMD are not recommended) • 2 GB RAM or greater (Preferred 4-8 GB RAM) • Recommended 100 gigabytes of available hard disk space

Software platform features

Aurora	System VII
• Support for up to 45,000 credentials (per site) • Screen dimensions improved - no size limit • Ten assigned groups per credential holder • Enhanced multi-site management features • Multiple credentials assignable to a single user • New Template Editor for cards and maps • New Active Directory Integration • New multi-threaded communication structure • New application design, example: Status Widgets • Centralized and improved people, schedule and hardware management • Mapping enhancements • Supports CA8WL series wireless lock controllers For more information refer to Keyscan's Aurora Software Guide on our website.	• Support for up to 32,000 credentials • Screen dimensions 1024 x 768 maximum size • Two assigned groups per credential holder

Database

Aurora	System VII
• Includes Microsoft SQL 2017 Express 64-bit • Optional Upgrade to Full SQL Server 2017 Edition, 64 bit *Aurora issues warning when database reaches 8.0 GB / stops control unit data collection at 9.5 GB	• Includes SQL Express 2005 – 4 gig limit • Optional Upgrade - Full SQL – Server 2005 Edition 32-bit, Workgroup, Standard or Enterprise versions

Control board firmware

The following table reviews control board firmware features. Aurora requires PC109x blue control boards with firmware 9.21 or higher.

PC109x Firmware:	Firmware features::
• Serial# letters – C, D, E, F • Firmware range: 7.98/8.77 or higher • Reader PROM 4.02 or higher • Supports blue OCB-8 version PC1101 or higher • Year 2011 to present	• Includes 9.x, 10, 11, & PC101 features • Card read – all cards – or RTE activates Door Output and Accessibility HC Output • (revised jumper J16-D) • Discontinued support for Smart-Gate & Search Gate biometric readers
Aurora	**System VII**
• Hardware supported if manufactured and shipped with firmware 9.21 or higher. Has revised serial # format – example AAC1234 • Firmware can be ordered for PC1095 control boards with previous firmware versions. Has serial # format – example C1235	• System VII - version 7.0.19 or higher

Control board firmware

Aurora is not compatible (n/c) with any of the following green control boards / firmware.

PC101x Firmware:	Firmware features::
• Serial # letters – Z, A • Highest firmware version 7.95/8.75 • Year 2009 – 2011	• Includes 9.x, 10 & 11 features • Supports Smart-Gate & Search Gate biometric readers • Supports reverse network IP communication – firmware 7.95/8.75 and higher • Elevator floor countdown OPT code (requires CPB-10-2 on CPB-10
Aurora	**System VII**
• N/C	• Features and hardware supported

REV. 11 Firmware:
- Serial # letters Y, Z
- Highest firmware version 7.80/8.60
- Year 2007 – 2009
- Rev. 11 control board can be upgraded with a PC101x EPROM – requires EPROM purchase

Firmware features::
- Includes 9.x & 10 features
- Reads extended & standard card formats with PROM3.05 or higher
- KKI keypad interface not required
- DSC integration
- Optional outputs

Aurora
- N/C

System VII
- Features and hardware supported

REV. 10 Firmware:
- Serial # letters V, W & X
- Highest firmware version 7.31/8.11
- Year 2004 – 2007

Firmware features::
- Includes 9.x features
- Soft and timed anti-pass back
- Advanced report transactions
- Present3
- IOCB support
- Alternate communication

Aurora
- N/C

System VII
- Features and hardware supported

REV 9.8 (Q6500 - Q9999) Firmware:
- Serial # letters R, S, T & U
- Highest firmware version 6.22
- Year 2000 – 2004

Firmware features::
- Includes standard access control features
- Time Zone FPI
- Hard anti-pass back by all ACU reader tracking
- Standard reader PROMs 2.23 (highest)

Aurora
- N/C

System VII
- Features and hardware supported

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