

Advantages of Upgrading from Vantage to Aurora Elite Edition



THE ADVANTAGES OF AURORA

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 improved people and credential management.

The following table provides a comparison between just some of the advantages Aurora offers over Vantage.

OS Compatibility	
Aurora	Vantage
Windows 10 Professional	Windows 8 – Professional & Enterprise – 32-bit or 64-bit
Windows 8 Professional 64-bit	Windows Server 2012 – Standard version – 64 bit / graphical user interface enabled
Windows 7 SP1 Ultimate, Enterprise & Professional 64-bit	Windows Server 2008 – Standard & Enterprise -32-bit or 64-bit
Windows Server 2012 Datacenter, Standard, Essentials & Foundation 64-bit	Windows 7 SP3 or later – Professional, Enterprise & Ultimate
Windows Server 2008 R2 Datacenter, Enterprise, Standard & Foundation 64-bit	Vista Business
Windows Server 2016 Standard	Windows Server 2003 - 32-bit version
Windows Server 2019 Standard 64-bit	Windows XP Professional – see note
For more information about Aurora Specifications, visit www.dormakaba.us	Note - Windows XP is no longer supported by Microsoft. Keyscan does not recommend installing or re-installing either new or existing Vantage software on computers with MS Windows XP.
Server/Computer Requirements	
Aurora	Vantage
Intel Core i7 – 4770 3.40 GHz or faster	Intel Pentium Dual Core 2.2 GHz or higher; Intel Core Duo 2.6 GHz or higher (Celeron and AMD are not recommended)
16 GB RAM 1600 MHz DDR3 NON-ECC or greater	2 GB RAM or greater (Preferred 4-8 GB RAM)
Recommended 500 gigabytes of available hard disk space, 7.2K RPM SATA	Recommended 100 gigabytes of available hard disk space
For larger access control systems, see the Aurora System Architecture paper	

Software Platform Features

Aurora

Support for up to 45,000 credentials
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 at www.keysca.ca.

Vantage

Support for up to 32,000 credentials
Screen dimensions 1024 x 768 maximum size
Two assigned groups per credential holder

Database

Aurora

Includes Microsoft SQL Server 2017 – 10 GB limit*
Optional - Full SQL Server 2017
*Aurora issues warning when database reaches 8.0 GB /
stops control unit data collection at 9.5 GB

Vantage

Includes SQL Express 2005 – 4 GB limit
Optional Upgrade - Full SQL – Server 2005 Edition 32-bit, Workgroup, Standard or Enterprise versions

Video Management System Support

Aurora

Exacq Client – 2014
Milestone – 2014
Avigilon – 2014
i3 International - 2015
Year indicates date of engineering

Vantage

Keyscan – DVR3
Exacq – 2009
Avigilon – 2013*
Year indicates date of engineering
Vantage Legacy DVRs Keyscan** –
K-DVR, DVR2 Bosch** 2010
Dedicated Micros **(Net Vu) –2009
Integral** – 2010
Milestone**
Open Eye**
Pelco** (DX8000, DX8100 & Endura) – 2009
Toshiba (Surveillix) – 2008
* May or may not be tested by third party
manufacturers
** Maintenance of this CCTV driver has been
discontinued.
Please be advised that supported models as well as
version limitations may apply.

Note

Aurora does not have a complete database conversion utility if changing from Vantage. Aurora does have an Import function for people/credential data which can be used to transfer cardholder data from Vantage. However, other information requires manual data input.

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	Aurora	Vantage
Serial# letters – C, D, E, F or higher	Includes 9.x, 10, 11, & PC101 features	Hardware supported if manufactured and shipped with firmware 9.21 or higher. Has revised serial # format – example AAC1234	Vantage – version 8.1.18 or higher
Firmware range: 7.98/8.77 or higher	Card read – all cards – or RTE activates Door Output and Accessibility HC Output		
Reader PROM 4.02 or higher	(revised jumper J16-D)		
Supports blue OCB-8 version PC1101 or higher	Discontinued support for Smart-Gate & Search Gate biometric readers	Firmware can be ordered for PC1095 control boards with previous firmware versions. Has serial # format – example C1235	
Year 2011 to present			

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

PC101x			
Firmware	Firmware Features	Aurora	Vantage
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 communication loop)	n/c	Features and hardware supported when most current firmware ordered p/n FIRM-VAN

Rev. 11

Firmware	Firmware Features	Aurora	Vantage
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	Includes 9.x & 10 features Reads extended & standard card formats with PROM3.05 or higher KKI keypad interface not required DSC integration Optional outputs	n/c	Features and hardware supported when most current firmware ordered p/n FIRM-VAN

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Rev. 10

Firmware	Firmware Features	Aurora	Vantage
Serial # letters V, W & X	Includes 9.x features	n/c	Features and hardware supported when most current firmware ordered p/n FIRM-VAN
Highest firmware version 7.31/8.11	Soft and timed anti-pass back		
Year 2004 – 2007	Advanced report transactions Present3 IOCB support Alternate communication		

Rev. 9.8 Q6500 – Q9999

Firmware	Firmware Features	Aurora	Vantage
Serial # letters R, S, T & U	Includes standard access control features	n/c	Hardware not supported
Highest firmware version 6.22	Time Zone FPI		
Year 2000 – 2004	Hard anti-pass back by all ACU reader tracking Standard reader PROMs 2.23 (highest)		



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