

# 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 <a href="http://www.dormakaba.us">www.dormakaba.us</a>	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.keyscan.ca](http://www.keyscan.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)	Firmware can be ordered for PC1095 control boards with previous firmware versions. Has serial # format – example C1235	
Supports blue OCB-8 version PC1101 or higher	Discontinued support for Smart-Gate & Search Gate biometric readers		
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	Includes 9.x, 10 & 11 features	n/c	Features and hardware supported when most current firmware ordered p/n FIRM-VAN
Highest firmware version 7.95/8.75	Supports Smart-Gate & Search Gate biometric readers		
Year 2009 – 2011	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)		

Rev. 11			
Firmware	Firmware Features	Aurora	Vantage
Serial # letters Y, Z	Includes 9.x & 10 features	n/c	Features and hardware supported when most current firmware ordered p/n FIRM-VAN
Highest firmware version 7.80/8.60	Reads extended & standard card formats with PROM3.05 or higher		
Year 2007 – 2009	KKI keypad interface not required		
Rev. 11 control board can be upgraded with a PC101x EPROM – requires EPROM purchase	DSC integration		
	Optional outputs		

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## Rev. 10

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

## Rev. 9.8 Q6500 – Q9999

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



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