Access Control and Management Systems
Quick Selection Guide

BOSCH
Invented for life

	Access Easy Controller	Access Professional Edition	Building Integration System / Access Engine
	The Bosch Access Easy Controller (AEC) is your choice for web-based entry level out of the box access control. The web interface is hosted from the Access Easy Controller hardware. Easy to install, easy to deploy, easy to operate.	The Bosch Access Professional Edition (APE) is your choice for small and medium sized access control solutions. The flexible APE client-server architecture grows with your needs and can even be upscale to the Bosch Access Engine without replacement of access control hardware components save guarding your investment.	The Bosch Access Engine (ACE) is your choice for enterprise access control solutions. The Bosch Access Engine is part of the Building Integration System (BIS) from Bosch which allows you to fully integrate access control with your other security, safety and building management systems.

General Features	AEC	APE	ACE / BIS
Hardware Compatibility	AEC	AMC Wiegand, AMC RS485	AMC Wiegand, AMC RS485
Software Compatibility	Microsoft Windows XP SP3 Microsoft Windows Vista Microsoft Windows 7 (32 and 64 bit) Linux OS *	Microsoft Windows 2000 Microsoft Windows XP Professional Microsoft Server 2003 (32 bit) Microsoft Windows 7 (32 and 64 bit)	Microsoft Server 2008 R2 (64 bit) Microsoft Windows 7 (32 and 64 bit)
Webserver Connectivity	Yes	No	Yes
Browser Compatibility	Internet Explorer 7/8/9, Mozilla Firefox 5.0 *, Google Chrome *	N.A.	Internet Explorer 9/10
Access Control Management	Yes	Yes	Yes
Visitors Management	No	No	Yes
Intrusion Integration	Arm/disarm over reader (contact interface)	Arm/disarm over reader (contact interface)	Full integration or Arm/disarm over reader via OPC or contact interface
Video Integration	Yes	Yes	Yes
Offline Locking System	No	No (selected markets only)	No (selected markets only)
Supported Languages	English, German, Dutch, French, Spanish, Hungarian, Portuguese, Traditional Chinese, Simplified Chinese, Thai	English, German, Dutch, Polish, French, Simplified Chinese, Russian, Spanish, Portuguese (Brazil)	English, German, Dutch, French, Russian, Spanish, Hungarian, Portuguese, Traditional Chinese, Simplified Chinese

* Only access function no video support

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Access Features	AEC	APE	ACE / BIS
Max. Number of Remote Workstation	Unlimited *	16	Unlimited *
Max. Number of Readers / Cameras	4-32 / 128	128/128	Unlimited **
Supported Reader Interfaces	Wiegand	Wiegand, RS485	Wiegand, RS485
Biometric Support	Fingerpint	Fingerpint	Fingerpint
Max. Number of Relay Outputs Points	64	2048 *	Unlimited ***
Max. Number of Entrance	32	128 (Entrance with 1 reader)	Unlimited ****
Remote Door Control	Yes	Yes	Yes
Max. Number of Active Cardholders	20.480	10.000	200.000
Cards per Person	1	Up to 3	Up to 5
Access Modes	Card only, PIN only, PIN or Card	Card only, PIN only, PIN and / or Card	Card only, PIN only, Card and PIN
PIN Codes Types	Verification PIN, Door PIN, Arming PIN	Verification PIN, Door PIN, Identification PIN, IDS Arming PIN, (IDS= Intrusion Detection System)	Verification PIN, Door PIN, IDS arming PIN (IDS= Intrusion Detection System)
PIN Codes	4 to 7 digit	4 to 8 digit	4 to 10 digit (with BIS 4.1)
Online Swipe	Yes	Yes	No
Mapviewer	No	Yes	Yes
Event Management	Yes	Yes	Yes
Badge Design	No	Yes	Yes
Alarm List	Yes	Yes	Yes
Time Models	254	255	1024 per MAC (max. 10 MACs)
Periods / Time Models	4	3	4
Max. Number of Time Profiles	254	255	255 per MAC (max. 10 MACs)
Max. Number of Access Authorizations	254	255	1024 per MAC (max. 10 MACs)
Max. Number of Area / Time Authorizations	254	255	Included above
Special Days	32	255	365 per year
SMS / Email Notification	Yes	No	No
Elevator	Yes, up to 64 floors	Yes, up to 16 floors	Yes, up to 56 floors
Parking Lot	Yes	No	Yes

* Concurrent 8	* Max. 128 AMC's per AMC 1 x 16I/O unit can be connected	* In multi-server configuration ** Based on VIE limit *** Per AMC 3 x 16I/O units can be connected **** Approx. 10.000 entrances over 10 MACs

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Video Features	AEC	APE	ACE / BIS
Live View and Playback	Yes	Yes	Yes
Video Alarm Verification	Yes	Yes	Yes
Video Verification	Up to 3 / Entrance	Up to 5 / Entrance	Free programmable using, Misc. & action plans or the Video Engine
Camera Groups	No	No	Yes
Alarm and Logbook Camera	3	1 / Entrance	Free programmable using, Misc. & action plans or the Video Engine