



## OVERVIEW OF THE FEATURES IN EVERY KEYSCAN SYSTEM

FEATURES	CA200	CA4000	CA8000	EC1000	EC2000
DOOR OUTPUT RELAYS	2	4	8	NA	NA
CARDS	32000	32000	32000	32000	32000
TRANSACTION FILE BUFFER	6000	6000	6000	6000	6000
TIME ZONES	256	256	256	256	256
TIME SCHEDULES	512	512	512	512	512
GROUP LEVELS	511	511	511	511	511
HOLIDAY DATES	64	64	64	64	64
READERS	2	4	8	1	2
READER DOOR INPUTS (Supervised)	2	4	8	NA	NA
EXIT BUTTON INPUTS (Supervised)	2	4	8	NA	NA
ALARM OUTPUT RELAYS	2	4	8	NA	NA
AUXILIARY INPUTS (Supervised)	8	16	16	NA	NA
ADDITIONAL SUPERVISED INPUTS/OUTPUTS (with optional IOCB1616s)	NA	16-64	16-64	NA	NA
POWER FAIL OUTPUT	YES	YES	YES	NA	NA
POWER FAIL ALARM	YES	YES	YES	YES	YES
CONTROL PROCESSORS	2	2	2	2	2
PRE-ALERT	2	4 opt	8 opt	NA	NA
HANDICAP OUTPUTS	2	4 opt	8 opt	NA	NA
OPTIONAL RELAY OUTPUTS	NA	8 opt	8 opt	NA	NA
ELEVATOR CAB CONTROL	NA	NA	NA	1 Cab	2 Cabs
ELEVATOR FLOOR CONTROL RELAY	NA	NA	NA	Up to 40	Up to 16 per cab

PANEL COMMUNICATIONS	WIRING	MAXIMUM DISTANCE
Reader to ACU	22 AWG 3 pair shielded	500 feet (152 m)
Door Lock to ACU	18 AWG 1 pair	500 feet (152 m)
Door Contact to ACU	22 AWG 1 pair	500 feet (152 m)
Request to Exit (RTE) to ACU	22 AWG 2 pair	500 feet (152 m)
ACU to ACU (CB-485)	CAT5 2 twisted pair	2000 feet (609.6 m)

PC COMMUNICATION OPTIONS	WIRING	MAXIMUM DISTANCE
Serial RS-232	22 AWG 5 conductor shielded	100 feet (30.5 m)
COMMEX RS-485	22 AWG 2 pair twisted CAT5	4000 feet (1219.2 m)
LAN/WAN (TCP/IP)	CAT5	328 feet (100 m)
Dial Up Modem		
- RS-232	22 AWG 5 conductor shielded	100 feet (30.5 m)
USB-SER* (USB Adaptor)		
- RS-232	22 AWG 5 conductor shielded	100 feet (30.5 m)
- RS-485	22 AWG 2 pair twisted CAT5	2000 feet (609.6 m)
WLAN (802.11 b/g)	NA	328 feet (100 m)

\* Note: baud rate dependent

## PC SPECIFICATIONS

The following list outlines minimum PC requirements to operate the System VII software:

- Recommended Central Processing Unit (CPU): Intel Pentium Dual Core 2.2 GHz or higher; Intel Core Duo 2.6 GHz or higher (Celeron not recommended)
- Recommended minimum RAM: 2 gigabyte or greater
- Hard Disk: Recommended 100 gigabytes of available space
- USB 2.0 Port for Photo Badging or Signature Capture
- COM Port - 1 required if using direct serial connection to access control units
- CD-ROM or DVD drive
- Mouse or compatible pointing device
- Removable Media Storage Device such as CD-RW or DVD-RW
- Network Interface Card (NIC) with TCP/IP protocol
- Graphic Card supporting 1024 x 768 or higher screen resolution
- Microsoft Internet Explorer 6.0 SP1 or later
- Microsoft .NET 2.0 Framework

## OPERATING SYSTEMS FOR SYSTEM VII

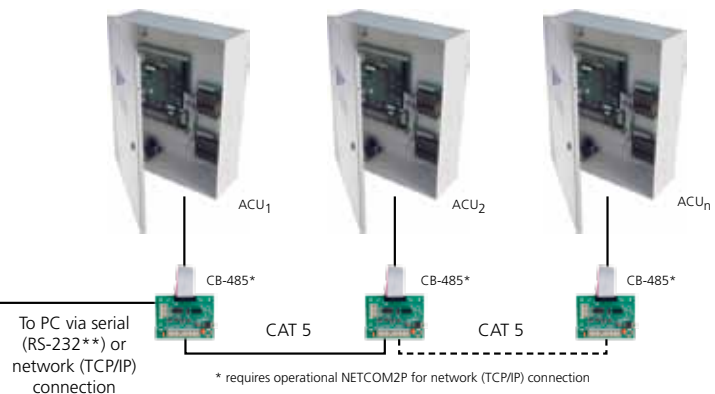
Windows 7 Professional/Enterprise/Ultimate™, Vista Business™, XP Professional™ with Service Pack 3 or later, Windows 2000™ with Service Pack 4 or later, Windows 2003 Server™, Windows 2008 Server™

Keyscan's System VII software is a 32-bit application.

## APPLICATIONS



\*\*USB-SER converter available for use with PCs without a serial port. Contact Keyscan for operating system compatibility.



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