



# Keyscan Card Access Configuration & Specification Worksheet

Date: \_\_\_\_\_ Dealer: \_\_\_\_\_ Job: \_\_\_\_\_

Maximum Capacities of Keyscan Access Systems: Cards 32,000, Readers Unlimited, Monitored inputs 1024 per site, Auxiliary outputs 128  
 Software operating system requirements: Windows 2000 and XP Pro

**NOTE: THIS IS NOT A COMPLETE LIST OF KEYSKAN PARTS. PLEASE CONTACT KEYSKAN IF YOUR APPLICATION IS NOT RESOLVED HERE.**

Number of doors \_\_\_\_\_ In only \_\_\_\_\_ or In & Out \_\_\_\_\_ Number of cardholders \_\_\_\_\_  
 Alarm points \_\_\_\_\_ Elevator cabs \_\_\_\_\_ Number of floors to control \_\_\_\_\_

## CONTROLLERS

		Qty	Unit Price	Extd Price
<b>CA200</b>	2 reader control, c/w power supply, 8 aux input & 4 aux outputs			
<b>CA4000</b>	4 reader control, c/w 1 x power supply, 16 aux inputs & 4 aux outputs			
<b>CA8000</b>	8 reader control, c/w 1 x power supply, 16 aux inputs and 8 aux outputs			
<b>EC1000</b>	1 elevator cab control, c/w power supply & 8 floor outputs, max 40 floors Note: 4 more OCB's can be added to control 40 floors			
<b>EC2000</b>	2 elevator cab control, c/w power supply & 8 floor outputs, max 16 floors Note: 2 more OCB's can be added to control 16 floors			
<b>KIT4000I</b>	4 Reader Indala Kit comprised of: 1 x CA4000, 4 x PX-603 Indala Keyscan 36 bit readers and 1 x PX-CI package of 50 Keyscan 36 bit standard proximity cards			
<b>KIT8000I</b>	8 Reader Indala Kit comprised of: 1 x CA8000, 6 x PX-603 Indala 36 bit readers ( <b>only 6 readers included</b> ) 1 x PX-CI package of 50 Keyscan 36 bit standard proximity cards			

Total controllers from above \_\_\_\_\_ if greater than 1 then add a CPB-10 per each control panel.

<b>CPB10</b>	Communication parallel board			
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**Note: Each control panel requires 2 x 16Vac 37/40 VA transformers & 1 x 12vdc 7Ahr battery. One Input for ACU Power & other for Prox, Mag, Keypad & Kwik Key readers that require 12 vdc power. Electric strikes and magnetic locks require a separate power supply.**

**Cable: 5 conductor 22GA shielded between controllers, max 2000' -- 5 conductor 22 GA shielded between PC to control, max 100'  
 5 conductor 22 GA shielded from readers to control, max 500' -- 1 pair 18 GA for locking devices, max 500'**

## Software Selection

		Qty	Unit Price	Extd Price
<b>SYSTEM V</b> Includes Data Cable	System V Standard Software complete with 2 client ability. Manages up to hundreds of readers and 32,000 cardholders per site, Unlimited remote sites, via direct connect, dial-up or LAN/WAN connectivity. Multi-language users (English, French & Spanish). Setup wizards.			
<b>SYSTEM VCL</b>	System V Client license for additional concurrent users. (Requires System V)			
<b>SYSTEM VPH</b>	System V Photobadging & Verification license, to enable photobadging & verification feature. (Requires System V)			
<b>SYSTEM VCT</b>	System V CCTV license, to enable CCTV and Video control. (Requires System V) <b>Call Keyscan for listing of DVR's integrated</b>			
<b>SYSTEM SCM</b>	Unlimited Alarm Priorities. Active Graphical Maps: Control and view floor plans directly on the system monitor: Guard Tour: Multiple Monitoring Screens: Guard Watch Feature: (Requires System V)			
<b>VMM</b>	Know who is on-site, who is being visited and why with Keyscan's Visitor Management Software. VMM (Visitor Management Module) This software is configured for adding Visitor Management to existing Keyscan System V software. (Requires System V)			
<b>VMSA</b>	VMSA (Visitor Management Standalone Software) Visitor Management Software permits one user; additional users can be added. May be integrated with Keyscan System V Access Control System			
<b>PC Requirements for SYSTEM V Software</b>	<b>Only TCP/IP is supported. Minimum PC requirements: P4 1.8 Ghz 20GB HD, 256Mb of RAM CD, FDD, Network card, Com port 1 and or 2, USB port &amp; Tape or CD writer for backups, Sound Card, Video Card, Windows 2000 &amp; XP PRO</b>			

<b>Optional Peripherals</b>		<b>Qty</b>	<b>Unit Price</b>	<b>Extd Price</b>
<b>AL32</b>	32 Supervised input module for CA4000 & CA8000 only			
<b>AL64</b>	64 Supervised input module for CA4000 & CA8000 only			
<b>OCB4</b>	4 output control board. For CA200 only			
<b>OCB8</b>	8 output control board for EC1000, EC2000, CA4000 & CA8000			
<b>DPS12</b>	2 x 12 vdc power supply 1.5 Amp (Replaces 10006)			
<b>MC33H</b>	Keyscan manufactured modem for Host PC. 12Vdc operation. 1 required 40-2324 Data cable included.			
<b>MC9600</b>	Keyscan manufactured modem for remote access control unit(s). 1 required per remote site. 40-2323 Data cable included.			
<b>NETCOM2</b>	RS232 to TCP/IP comm converter for ACU's. Allows communications from ACU's to PC on your LAN/WAN (Require one per site or ACU)			
<b>COMMEX</b>	RS232 extender from PC to control, up to 2000'. 2 modules included one at the PC the other at the ACU.			
<b>WIEEX</b>	Wiegand communication line extender for readers exceeding 500'. 2 modules Included, 1@reader & 1@ACU. Max distance 4000' on 2 wire twisted pair			
<b>CWIEEX</b>	Coax communication extender for retrofit or new installs using coax cable. 2 modules included, 1 @reader & 1 @ACU. Max distance 500' on RG59U			
<b>MISCBRC</b>	Barcode reader interface (Serial TO Wiegand) Required if using Bar Code Cards that exceed the number 65,535 * All Bar Code Cards must be sent in for evaluation before ordering!			
<b>MISCOMM</b>	EIA/TIA 562 To RS232 Converter. Required to integrate panels over Fiber Modem, LAN/WAN or other to multiple buildings. Includes 2 X CPB10'S and 1 X 402322 & 1 X 402323 * Please Call for proper Configuration!			

<b>INDALA Proximity Readers &amp; Cards</b>		<b>Qty</b>	<b>Unit Price</b>	<b>Extd Price</b>
<b>PX603</b>	Slimline readers, 12vdc operation @ 100mA, 4-5" read range			
<b>PX605</b>	Wall switch size reader, 12vdc operation @ 100mA, 4-5" read range			
<b>PX610</b>	Master prox reader, 12vdc operation @ 150mA, 8-12" read range			
<b>PXK501</b>	Combination Prox/keypad reader, 12vdc operation @ 70mA, 4" read range			
<b>PX620</b>	Long range prox reader, 12-24vdc operation @1.2Amps, 24-28" read range			
<b>PXC1</b>	Keyscan Indala proximity cards, package of 50, lifetime warranty			
<b>PXKEY</b>	Keyscan Indala proximity tags, package of 50, two year warranty			
<b>PXTAG</b>	Keyscan Indala adhesive Tag. Cost effective way to get proximity technology for older card technologies. Stick on existing cards for proximity			
<b>PXISO30</b>	Keyscan Indala photo image cards, 1 side only, package of 50			
<b>PXISO30MG</b>	Same as above except c/w HI CO magstripe not programmed , package of 50, 6 week delivery			

<b>HID Proximity Readers &amp; Cards</b>		<b>Qty</b>	<b>Unit Price</b>	<b>Extd Price</b>
<b>HID6005B</b>	Entry Level proximity reader, 12VDC operation @ 60mA, 1-2" read range			
<b>HID5365</b>	Mini Prox slimline readers, 12vdc operation @ 160mA, 4-5" read range			
<b>HID5395</b>	Prox wall switch readers, 12vdc operation @ 160mA, 4-5" read range			
<b>HID5355</b>	Prox Pro reader, 12vdc operation @ 160mA, 5-8" read range			
<b>HID5355KP</b>	Prox Pro reader c/w keypad, 12vdc operation @ 160mA, 5-8" read range			
<b>HID5375</b>	Maxi Pro long range reader, 24VDC operation @ 1.7Amps, 16-24" range			
<b>HIDC1325</b>	Keyscan HID standard prox cards, package of 50			
<b>HIDT1345</b>	Keyscan HID prox key tags, package of 50			
<b>HIDC1386</b>	Keyscan HID ISO printable prox cards, package of 50			
<b>HIDC1386MG</b>	Same as above except c/w HI CO magstripe not programmed, package of 50, 6 week delivery			
<b>HID1391</b>	Micro prox tag, cost effective way to get proximity technology for older card technologies. Stick on existing cards for proximity, package of 50			
<b>HID1351</b>	Active prox vehicle tag, requires HID5375 prox reader, package of 1			

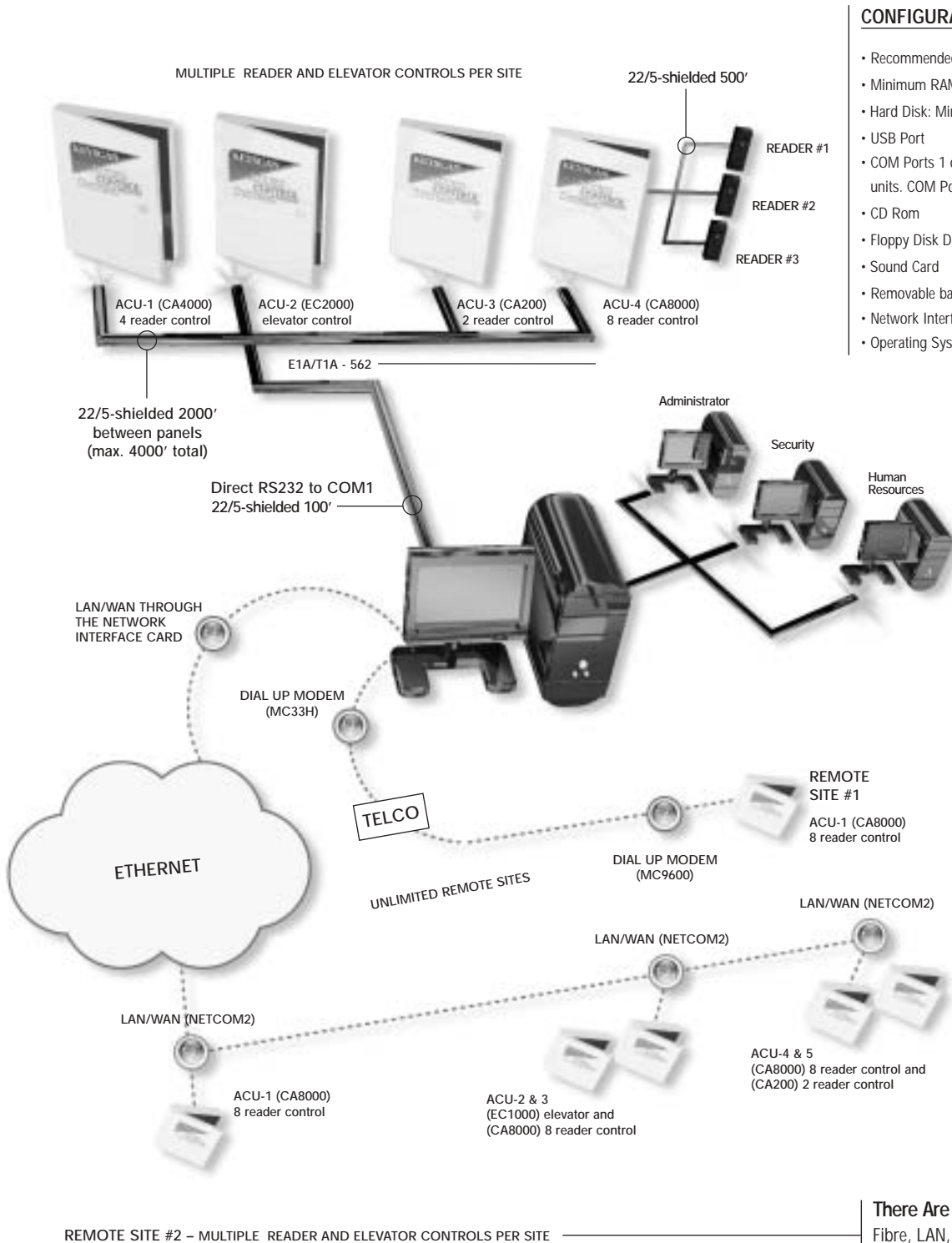
<b>HID iClass Readers &amp; Cards</b>		<b>Qty</b>	<b>Unit Price</b>	<b>Extd Price</b>
<b>KEYR10</b>	Keyscan HID R10 iClass reader, 13.56 MHz mullion mount read only contactless smart card reader, Keyscan high security format c/w 36bit wiegand output, 12vdc operation @ 225mA, 2-3" read range			
<b>KEYR40</b>	Keyscan HID R40 iClass reader, 13.56 MHz single gang back box read only contactless smart card reader, Keyscan high security format c/w 36bit wiegand output, 12vdc operation @ 260mA, 2-4" read range			
<b>KEYRK40</b>	Keyscan HID R10 iClass reader, 13.56 MHz single gang back box read only contactless smart card reader, Keyscan high security format c/w 36bit wiegand output, 12vdc operation @ 244mA, 2-4" read range			
<b>KEYRW400</b>	Keyscan HID R10 iClass reader, 13.56 MHz mullion mount read only contactless smart card reader, Keyscan high security format c/w 36bit wiegand output, 12vdc operation @ 260mA, 2-4" read range			
<b>KEY2K2</b>	13.56 mhz contactless smart card (ISO standards for card printing) 2k memory with 2 application areas, packaged in 50			
<b>KEY16K2</b>	13.56 mhz contactless smart card (ISO standards for card printing) 16k memory with 2 application areas, packaged in 50			
<b>KEY16K16</b>	13.56 mhz contactless smart card (ISO standards for card printing) 16k memory with 16 application areas, packaged in 50			
<b>Note:</b>	<b>Keyscan high security format only works with Keyscan iClass readers</b>			

<b>Other Readers, Cards &amp; Converters</b>		<b>Qty</b>	<b>Unit Price</b>	<b>Extd Price</b>
<b>RXPROX</b>	Wireless receiver, 12vdc operation @ 35mA, up to 100' reading range, Programmable transmitter button operation (For Use with transmitters below)			
<b>TX2PRX</b>	Two Button Micro transmitter, c/w HID proximity chip			
<b>TX4PRX</b>	Four Button Micro transmitter, c/w HID proximity chip			
<b>INTX2PRX</b>	Two Button Micro transmitter, c/w INDALA proximity chip			
<b>INTX4PRX</b>	Four Button Micro transmitter, c/w INDALA proximity chip			
<b>WSSKP1</b>	Stainless Steel keypad, 12vdc operation @ 30mA, can be used for standalone operation, c/w 28 programmable user codes, & digital output			
<b>MISC3626</b>	Converter from Keyscan 36 Bit wiegand format to 26 Bit wiegand format for Use with other equipment. (Time & Attendance clocks, other access systems)			
<b>VIS100-ENT</b>	Telephone Entry Interface for Viscount Enterphone 2000, Elektra, Axess & Crusader			
<b>VIS100-SES</b>	Telephone Entry Interface for SES's TEC and CAT display entry systems, the SES system requires the use of SES's OPTKPTR to give RS232 output			
<b>VIS100-STX</b>	Telephone Entry Interface for Sentex Infinity entry system; be sure that the Sentex panel has the two com ports (A & B). We use com port B			

<b>Photo Imaging &amp; Badging Peripherals</b>		<b>Qty</b>	<b>Unit Price</b>	<b>Extd Price</b>
<b>VBP407</b>	Pebble Evolis Glacier Blue card printer kit, c/w 1 x color ribbon (200 prints) 1 x cleaning kit, 1 x parallel port cable & 100 test print cards			
<b>VBP407DBL</b>	Double Sided Printer- c/w 1 x color ribbon (200 prints) 1 x cleaning kit, 1 x parallel port cable and 100 test print cards			
<b>VBP407MG</b>	Evolis Pebble Printer c/w 3 track Mag Encoder			
<b>VBRC408</b>	Full color print ribbon, good for 200 prints			
<b>VBRC409</b>	Black only print ribbon, good for 500 prints			
<b>SIGPEN</b>	USB Signature Capturing Tablet			
<b>VB420</b>	PVC Blank ID cards, <b>ID cards only not for access control</b> , package of 100			
<b>VB421</b>	PVC Blank adhesive label cards, peel of the back and stick on standard access cards, package of 100			
<b>VB424</b>	Table Top with centering guides Heavy Duty use card punch for ID cards			
<b>VB426</b>	30" beaded chain, to display ID cards, package of 100			
<b>VB427</b>	Removable strap clips, to display ID cards, package of 100			
			<b>Total Equip. Cost</b>	

# KEYSCAN TYPICAL SYSTEM LAYOUT

(EACH SITE CAN ACCOMMODATE HUNDREDS OF READERS & ELEVATOR CONTROLLERS)



## CONFIGURATION DETAILS (STAND ALONE)

- Recommended Central Processor Unit: P4 1.8GH
- Minimum RAM: 256 MB
- Hard Disk: Minimum 20 GB
- USB Port
- COM Ports 1 only required if direct connect to control units. COM Port 1 and 2 if using CCTV control
- CD Rom
- Floppy Disk Drive
- Sound Card
- Removable backup device (Zip, Tape Drive or CD Writer)
- Network Interface Card (NIC)
- Operating System: Windows 2000 or XP Pro

**There Are Many Options Available**  
 Fibre, LAN, WAN, COAX, Twisted Pair  
 CALL KEYSCAN FOR DETAILS

**NOTE: A CPB-10 IS REQUIRED PER CONTROLLER WHEN THERE IS MORE THAN ONE ONSITE.  
 ONE 12 VDC 6 AMP/HR BATTERY AND TWO 16.5VAC/37.5 OR 40VA TRANSFORMERS MUST BE INCLUDED PER CONTROLLER.**



FOR SALES AND TECHNICAL INFORMATION PLEASE CONTACT KEYSCAN INC.  
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