STANLEY®
Security Solutions



B.A.S.I.S.® G

INTEGRATED SOLUTIONS GUEST HOUSING

STANLEY
BEST ACCESS SYSTEMS

INTEGRATED SOLUTIONS GUEST HOUSING

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INTRODUCTION

Introducing **B.A.S.I.S.®*G*** – a highly efficient stand-alone lock system that utilizes card reader technology and is driven by software specifically designed for residence halls. **B.A.S.I.S.® *G***, ID cards are encoded with all the information necessary to control door access. The system integrates with virtually any existing database, and allows unsurpassed capabilities in storing and retrieving access activity data. **B.A.S.I.S.® *G*** involves no costly wiring, is easy to manage, and offers a broad range of integrated features. In fact, everything about **B.A.S.I.S.® *G*** was designed to think …so you don't have to. The world of access control has become increasingly complex. This is especially true at campus residence halls. As higher demands are being made for student safety, there is also a greater need for convenience and efficiency for facility managers. The real genius of **B.A.S.I.S.® *G*** is in its ability to address both challenges.

B.A.S.I.S.® *G* utilizes pre-programmed ID cards, the likelihood of unauthorized door access is greatly reduced. And because the lock itself is off-line, individual door access changes can be made quickly and conveniently. Add to this the ease with which **B.A.S.I.S.® *G*** integrates into existing systems, and the incredible amount of data that can be tracked and stored. **B.A.S.I.S.® *G*** is doing the thinking so you don't have to.

SOFTWARE FEATURES

- Designed specifically for the residence hall application, addressing the real life needs of daily operations such as lost cards and/or room changes.
- Term-based software allows for batch updating of data, saving significant and valuable time.
- Dynamically integrates with most existing university databases with real-time information updates, eliminating the tedious process of re-entering student data.
- Multiple locations can be networked to conveniently access a single database.
- Expiration date on cards prevents students from returning to their rooms after the semester has expired.
- Complete history of access activity can easily be obtained.
- Automatic backup reduces the risk of losing data.
- **B.A.S.I.S.® *G*** (an off-line system) is integrated into BEST's on-line software, eliminating the inefficiencies of having two separate systems.

HARDWARE FEATURES

- Track Three technology greatly reduces the need to visit individual rooms for access changes. Locks do not have to be re-programmed to handle lost cards or room changes.
- Swipe reader is vandal resistant and can read various size I.D. cards.
- Minimum 65,000 cycles / 2 to 5 year battery life for cylindrical chassis; Minimum 130,000 cycles / 2 to 5 year battery life for mortise chassis.
- Costs are controlled by availability of replacement parts versus having to replace entire unit.
- Local factory-trained technical services are available 24 hours a day to meet any emergency need.
- **B.A.S.I.S.® *G*** can allow or record 5,000 users / history, giving unmatched capacity for each residence hall room.
- Available with a smart card reader, allowing for future technological advancements.
- Heavy-duty mechanical platform designed and manufactured for the toughest residence hall applications.
- Key override detection records and documents when a key is used.
- Deadbolt sensing prevents access to unauthorized cards when deadbolt is thrown.
- Interchangeable core mechanical override allows for emergency access.
- **B.A.S.I.S.® *G*** hardware is available in trims and most finishes that match BEST's 9K cylindrical series and 30H mortise series, providing aesthetic continuity.
- Weather-resistant for versatile applications, including doors exposed to inclement conditions.

STANDARD CARDS

Card Specifications:

- Standard credit card size
- .030" ±.003 thickness (PVC or Polyester)
- High coercivity ABA 3 tracks



BEST serialized cards
VPA-PVC



Custom graphics cards
VPA-POLY

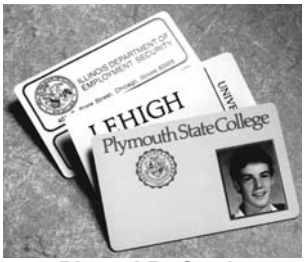


Photo I.D. Cards
VPA-CUST

SYSTEM COMPONENTS

The **B.A.S.I.S.®** ***G*** System is an electronic access control system that can be programmed to meet your facility's access control needs. The system is designed to secure your facility by granting specific access rights to authorized people, based on a defined time schedule, for each lock in the system. By tracking events at the locks, the system provides information to help you maintain the security of your facility.



1 **B.A.S.I.S. Software**



2 **Programming Cable**



3 **Mag Stripe Cards**



4 **Mag Stripe Encoder**



5 **Magnetic Stripe**



6 **Dual Validation**



7 **PDA palm top**

SYSTEM COMPONENTS DESCRIPTION

1 **B.A.S.I.S.® Software–** Software that lets you define programming settings and the user database for groups of locks, as well as individual locks. The software lets you view and print information about locks at any time.
(To order, contact your local Best Access Systems office.)

2 **Programming Cable –** Programming cable allows you to connect to individual locks.
(To order, contact your local Best Access Systems office.)

3 **Magnetic Stripe Cards–** A credit-card-size card with a magnetic stripe containing information. These cards can be encoded and sent to the user or encoded by the user at their facility. **(To order, see page 7.)**

4 **Magnetic Stripe Card Encoder–** The device that *"reads", "writes"* and *"erases"* information on the magnetic-stripe card. This also includes the software that controls the card encoder. Requires a PC & B.A.S.I.S.® software. **(To order, see page 8.)**

5 **Magnetic Stripe Reader–** A battery-powered, self-contained reader electronic lock that uses standard magstripe cards. Controls access to door and can be programmed with B.A.S.I.S.® software. **(To order, see page 7.)**

6 **Dual Validation Reader–** A battery-powered, self-contained dual validation reader electronic lock that combines standard mag stripe and keypad validation. Controls access to door and can be programmed with B.A.S.I.S.® software.

7 **PDA (palm top)–** A PDA (Personal Digital Assistant) is a palm top device that connects to a PC to transport programming data from a B.A.S.I.S.® system to the lockset or retrieve history data. The PDA is also a means to provide diagnostic data from the lockset. Software for the palm device is included in the B.A.S.I.S.® software.
(Contact your local Best Access Systems office or visit our web site for a recommended device.)

HOW TO ORDER-STANDARD CARDS

Part Description	Catalog Number
PVC cards – (Box of 500)	VPA– PVC
Polyester cards – (Box of 500)	VPA– POLY
Photo Identification/Custom cards*	VPA– CUST

*Special quote contact your local BEST office.

HOW TO ORDER-ENCODER

Part Description	Catalog Number
Mag Stripe Encoder	BASD–MSE
Programming Cable	BASD–CAB

HG SPECIFICATIONS



HG Magnetic Stripe Reader



HG Dual Validation Reader

MECHANICAL

Case: 0.095″ cold rolled steel, 5 7/8″ H x 7/8″ D x 4 1/16″ W. Steel is zinc dichromate plated for corrosion protection.
Faceplate: Brass or bronze material, 8″ H x 1 1/4″ W x 1/16″ T. Lock face automatically adjusts to proper bevel during installation.
Strike: Brass, bronze, or stainless steel base material, 4 7/8″ H x 1 1/4″ W x 3/32″ T. Fits standard door frame cut out as specified in ANSI A115.1. Universal (non-handed) strike supplied standard with lock.
Backset: 2 3/4″
Door Thickness: Standard lock configuration designed for doors 1 3/4″ thick. Thick door configuration available for doors up to 3” thick (specify thickness when ordering).
Latchbolt: Solid stainless steel, 3/4″ throw. Latch is oil-impregnated for anti-friction operation. Reversible without opening case.
Deadbolt: Stainless steel, 1″ throw.
Auxiliary bolt: Stainless steel, non-handed.
Lever handle: Brass, bronze, or stainless steel base material. Lever styles 3, 14, and 15 return to a minimum of 1/2″ of door surface. Lever 12, 16 and 17 do not return.
Escutcheons: 10 3/8″ H x 3 1/4″ W x 1″ D (1″ at the top, sloping down to 3/4″ at the bottom)
Finishes: 605- bright brass, clear coated; **606**- satin brass, clear coated; **612** - satin bronze, clear coated; **625**- bright chromium plated (brass base material); **626**- satin chromium plated (brass base material); **690***- dark bronze coated (brass base material)

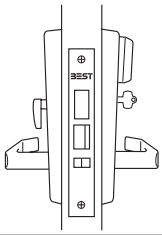
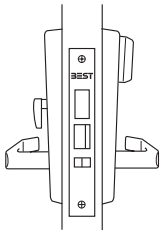
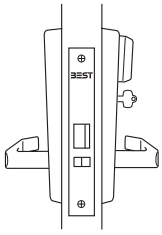
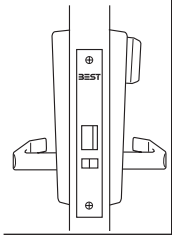
*690 finish will continue as a dark brown appearance over time.

ELECTRONIC

Primary power: Alkaline standard 4 cells or extended life 8 cell battery pack
Memory backup: Maintains all programming and history data for up to 3 months after loss of power.
User feedback indicators: Visual and audible.
Serial communications port: Used for programming lock from laptop or PDA.
Operating temperature: -35˚C to +66˚C (-31˚F to +151˚F).
Relative humidity: 10% to 90% non-condensing.
Sealing: Weatherproof lens and gasket provides protection for outdoor use (Usable in most environmental/exterior applications)

Magnetic Stripe Reader Specifications:
Bezel material: High impact ABS.
Read rate: 5 inches per second to 50 inches per second.
Card thickness: ISO standard .030” ± .003 thick.
Compliance: Compliant with US, Canadian, and European EMC requirements, and for FCC Class A digital apparatus interference.

Dual Validation Reader Specifications (Magnetic Stripe & Keypad):
Bezel size: 2 5/8″ x 3 1/4″.
Bezel material: High impact ABS.
Keypad material: Encapsulated elastomer.
ESD Protection: 15 kilovolts.
Keypad button operating life: 1 million cycles.
Compliance: Compliant with US, Canadian, and European EMC requirements, and for FCC Class A.

Diagram	Function Code	Mechanical	Electronic
Deadbolt w/ key override 	**TV**	Latchbolt operated by lever either side, except when outside lever is locked by internal motor drive mechanism; latchbolt is retracted by key outside. Deadbolt operated by key outside and turn lever inside. When deadbolt is extended, turning inside lever or electronically unlocked outside lever retracts both deadbolt and latchbolt simultaneously. Auxiliary latch deadlocks latchbolt.	Internal motor drive mechanism operated by electronic signal when presenting valid card. Green light indicates valid access. Red light and sounder indicate invalid access attempt. Lock records card number, time, date and type of event. Electronic sensor recognizes whether deadbolt is retracted or thrown. Lock grants access only to deadbolt-authorized personnel when deadbolt is thrown.
Deadbolt w/o key override 	**LV**	Latchbolt operated by lever either side, except when outside lever is locked by internal motor drive mechanism. Deadbolt operated by turn lever inside. When deadbolt is extended, turning inside lever or electronically unlocked outside lever retracts both deadbolt and latchbolt simultaneously. Auxiliary latch deadlocks latchbolt.	
Latch w/key override 	**DV**	Latchbolt operated by lever either side,except when outside lever is locked by internal motor drive mechanism; latchbolt is retracted by key outside. Auxiliary latch deadlocks the latchbolt.	Internal motor drive mechanism operated by electronic signal, when presenting valid token. Green light indicates valid access. Red light and sounder indicate invalid access attempt. Lock records card number, time, date and type of event.
Latch w/o key override 	**NV**	Latchbolt operated by lever either side, except when outside lever is locked by internal motor drive mechanism. Auxiliary latch deadlocks the latchbolt.	



“HG” lever style #3



“HG” lever style #4



“HG” lever style #12



“HG” lever style #14



“HG” lever style #15



“HG” lever style #16



“HG” lever style #17



“KG” lever style #14



“KG” lever style #15



“KG” lever style #16

KG SPECIFICATIONS



9KG Magnetic Stripe Reader



9KG Dual Validation Reader

MECHANICAL

Materials: Internal parts are brass, zinc or corrosion-treated steel.
Chassis: 2 1/16″ diameter to fit 2 1/8″ diameter hole in door.
Strike: Brass or bronze, 4 7/8″ x 1 1/4″ x 3/32″. Fits standard door frame cut out as specified in ANSI A115.1. Correct strike automatically supplied with unit.
Backset: 2 3/4″ standard, 3 3/4″ and 5″ available.
Door thickness: For doors 1 3/4″ – 2 1/4″ thick.
Installation: Lock dimensions requires modified door prep ANSI A156.2, Series 4000, Grade 1 to mount housing.
Core housing: 7 pin core.
Latchbolt: 9/16″ throw.
Trim housing: 10 3/8″ H x 3 1/4″ W x 1″ D sloping down to 3/4″.
Lever handle: Made from high-quality zinc alloy. Body is approximately 1 5/8″ in diameter: Handle is approximately 4 3/4″ in length (from center-line of chassis). (Lever #3, #14 and #15 conform to California Titles 19 and 24.)
Finish: 605-bright brass, clear coated; **606**-satin brass, clear coated; **612**-satin bronze,clear coated; **625**-bright chromium plated; **626**-satin chromium plated; **690***- dark bronze coated (brass base material)

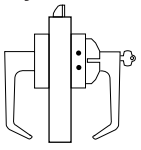
*690 finish will continue as a dark brown appearance over time.

ELECTRONIC

Magnetic Stripe Card Reader:
Primary power: 4 AA Alkaline batteries.
User feedback indicators: Audible and Visible.
Operating temperature (Exterior side of door): -35°C to +66°C (-31°F to +150°F).
Read rate: 2 to 60 inches per second.
Card thickness: Accepts standard 0.030 inch card thickness.
Compliance: Compliant with FCC, Canadian, and European EMC requirements and for FCC Class A digital interference.

Dual Validation – Combination Keypad & Magstripe Reader:
Bezel size: 2 5/8″ x 3 1/4″.
Material: Bezel– High impact ABS. **Keypad–** Encapsulated elastomer.
ESD Protection: 15KV.
Button operating life: 1 million cycles.
Operating temperature: -35°C to +66°C (-31°F to +151°F).
Compliance: Compliant with FCC, Canadian, and European EMC requirements and for FCC Class A digital interference.

KG FUNCTION

Diagram	Function Code	Mechanical	Electronic
Cylindrical latch key override 	DV	Dead locking latchbolt operated by lever either side, except when outside lever is locked by internal motor drive mechanism; latchbolt is deadlocked	Internal motor drive mechanism operated by time-activated electronic signal or presenting valid card/ PIN. Green light indicates valid access. Red light and sounder indicate invalid access attempt. Lock records card number, time, date and type of event.



Magnetic Stripe
Card Reader



Magnetic Strip/Keypad
Combination Card Reader

MECHANICAL

Materials: Internal parts are brass, zinc or corrosion-treated steel. Brass or bronze, 4 ⅞" x 1 ¼" x 3/32".
Fits standard door frame cut out as specified in ANSI A115.1. Correct strike automatically supplied with unit.
Lever handle: Brass or bronze. (Lever #14 and #15 conform to California Titles 19 and 24.)
Finish: 606-Satin brass, clear coated; **613**-oxidized satin bronze, oil rubbed; **626**-satin chromium plated; **690***- dark bronze coated (brass base material).

*613 finish is designed to wear over time, providing an "antique" appearance.

ELECTRONIC

Primary power: Alkaline battery pack.
Memory backup: Maintains programming to 100 years.
User feedback indicators: Visual and Audible.
Operating & Storage temperature: -30°C to +60°C (-22°F to +140°F).
Relative humidity: 10% to 90% non-condensing.
Shock: 2000 Gs RMS (maximum door-slam shock)
Compliance to FCC , Canadian, EMC requirements; for interference FCC Class A digital apparatus.

KEYPAD

Bezel size: 2 ⅝" x 3 ¼"
Material: Bezel–high impact ABS, **Keypad**–silicone rubber.
ESD Protection: 15KV.
Button operating life: 3-5 million cycles.
Button operating force: 3.88 ounces.
Operating temperature: -35°C to +55°C (-31°F to +101°F).
Storage temperature: -40°C to +55°C (-40°F to +101°F).
Sealing: Weatherproof gasket provides protection for outdoor use.
(Usable in all environmental/exterior applications.)

BATTERY LIFE CHART

	Standard Battery Pack		Extended Battery Pack (Not available on EX Series)	
Reader	**Cylinder Cycles, Years**	**Mortise Cycles, Years**	**Cylinder Cycles, Years**	**Mortise Cycles, Years**
Magstripe	65,000 / 2–5 yrs.	130,000 / 3–5 yrs.	130,000 / 3–5 yrs.	250,000 / 4–5 yrs.
Dual Val	65,000 / 2–5 yrs.	130,000 / 3–5 yrs.	130,000 / 3–5 yrs.	145,000 / 3–5 yrs.

HOW TO ORDER-B.A.S.I.S. HG

45HG Series	7 Core Housing	TV Function Code	14 Lever Style	MS Trim Style	626 Finish	RH Door	Options Hand
45HG– B.A.S.I.S. G	**0**–** keyless **7–** 7 pin housing; accepts all BEST cores	**DV–** latch with key **TV–** deadbolt with key **LV–** deadbolt without key **NV–** latch without key	**Levers:** **3**–** solid tube/ w/return **12***– solid tube/ no return **14–** curved return **15–** contour angle return **16–** curved no return **17***– gull wing **Knobs:** **4–** round	**DV–** dual validation (magstripe and keypad) **MS–** magnetic stripe **DVA–** other cylinder **MSA–** other cylinder	626 690 **Satin*** 606 612 **Bright*** 605 625	RH RHRB LH LHRB	**EXBB***– extended life battery pack (Battery door available in 622 finish only) **KOS***– key override sensor **SH***– security head screws **Thick door***– specify thickness **TAC***– tactile lever **7/8" LTC***– flat lip strike

* Extra cost option. ** Cost deduction. Must specify keymark and number of keys.

HOW TO ORDER-B.A.S.I.S. KG

93KG Backset	7 Core Housing	DV Function Code	14 Lever Style	MS Rose Style	STK Strike Package	626 Finish	Options
93KG– 2 3/4″ **94KG–** 3 3/4″ **95KG–** 5″	**0–**keyless **6–**6 pin non-IC cyl. **7–**7 pin housing; accepts all BEST cores	**DV–** with key	**14–**curved return **15–**contour angle return **16–**curved no return	**DV–** dual val (magstripe and keypad) **MS–** magnetic stripe	**STK–** standard **S3–**ANSI	626 690 **Satin*** 606 612 **Bright*** 605 625	**EXBB***– extended life battery pack **LM–** lost motion **SH***– security head screws **TAC***– tactile lever **3/4***– 3/4″ throw latch **7/8" LTC*** – flat lip strike **OB****– non-IC zero-botted **KA****– non-IC keyed alike **KD****– non-IC keyed different **COR*****– non-IC Corbin-Russwin **MED*****– non-IC Medeco **SAR*****– non-IC Sargent **SCH*****– non-IC Schlage **YAL*****– non-IC Yale **SCHRC*****– Schlage RC

* Extra cost option. Must specify keymark and number of keys.
** Six-pin cylinder in Schlage “C” keyway included with 0B, KA, KD options. Must specify “6” for core housing.
*** Cylinder not included with COR, MED, SAR, SCH, YAL, or SCHRC options. Must specify “0” for core housing.

HOW TO ORDER-B.A.S.I.S. EXG

EXG Series	7 Core Housing	EV Function Code	14 Lever Style	MS Trim Style	626 Finish	RHR Door Hand	PH1 Manufacturer	RM Locking Type	Options
EXG– B.A.S.I.S. G	**0**** – keyless **7–** 7 pin housing; accepts all BEST cores	**EV–** with key** **NV–** w/out key	**14–** curved return **15–**contour angle return	**MS–** magnetic stripe **DV–** dual val (magstripe and keypad)	626 690 **satin*** 606 613	RHRB LHRB	**VD9–** VonDuprin 98/99 series **PH1–** Precision hardware 1000 **PH2–** Precision hardware 2000 **SA8–** Sargent 8000 series ***	**RM–** rim*** **MO–**mortise **RD–** surface & concealed vertical rods	**SH***–security head screws **Thick Door***–specify thickness

* Extra cost option. Must specify keymark and number of keys
** EV function (key override) is not availabe on PH1000 (all models) Von Duprin mortise type, or Sargent Rim type device.
*** SA8 Only available with Rim Type device.

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