

Standalone Door Access (Castle-Knight)

Features

- 12 keys polycarbonate keypad
- 3 LEDs for Valid, Error and Ready status indication
- One relay output for door lock system
- Door sensor input and door release button
- 16 Characters x 2 rows liquid crystal display
- Door force open or door left open trigger reader buzzer
- Adjustable buzzer volume
- User definable 6 digits Master PIN for entering Programming Mode
- User definable door open time and lock release time
- User changeable card PIN (4 digits PIN)
- 2 sets PIN number for door PIN Access (4 digits PIN)
- Keypad lockout after 5 invalid PIN violation for 25 seconds
(Applicable for CAS-SKA only)



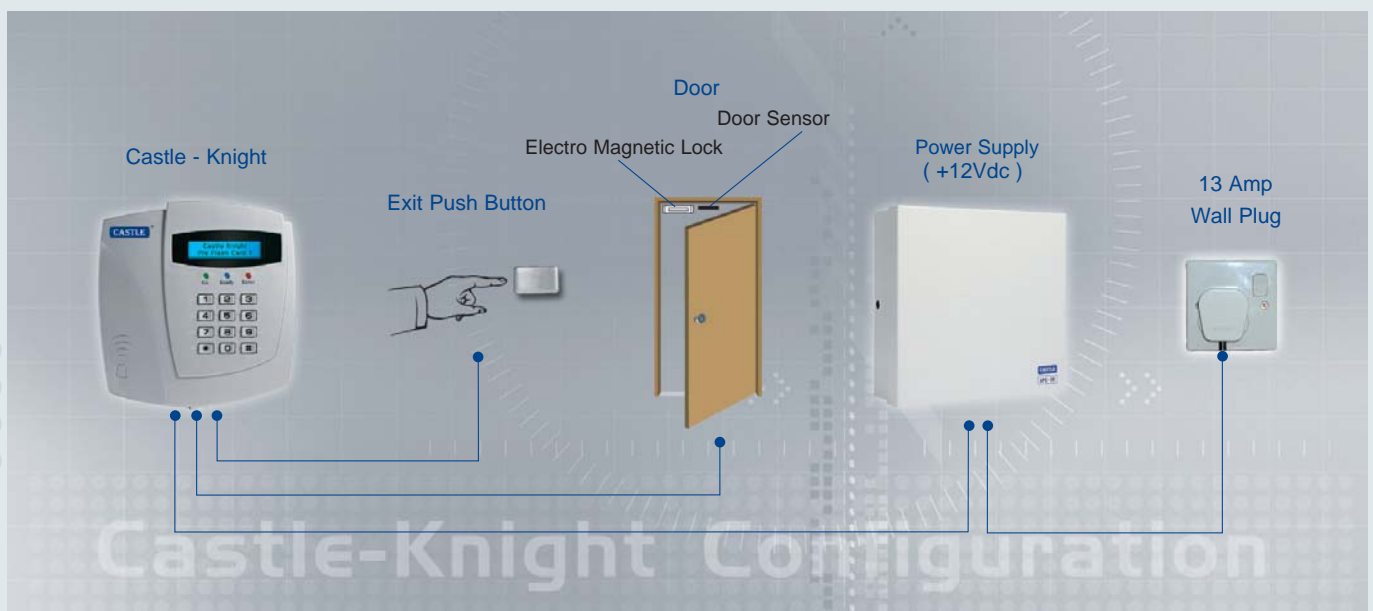
Technical Specifications

Specifications	Models	KSP-NDT, KSP-NDH KSP-MSN	KSP-992, CAS-SKA
Operating frequency		8.00 Mhz	4.00Mhz
Operating temperature		0 - 65C	0 - 65C
Input		12 - 13.8Vdc	12 - 13.8Vdc
MCU		MC68HC908GP32	MC68HC705C8A
EEPROM		64 kbits	64 kbits 4 kbits (CAS-SKA)
Card reading distance maximum		75 - 110mm	30-75mm
Physical dimension		171H X 165W X 37D mm	KSP 992 - 166H X 128W X 30D mm CAS-SKA - 133H X 90W X 30D mm
W eight		0.6kg	KSP-992 - 1kg CAS-SKA - 0.7kg

Ordering Information

	Stock Code	Description
	KSP-NDT	Proximity reader with 992 users c/w ABS casing (Format : Magnetic)
	KSP-NDH	Proximity reader with 992 users c/w ABS casing (Format : Wiegand-26 bits)
	KSP-MSN	Contact-less smartcard reader (Mifare Card Serial Number) with 992 users c/w ABS casing
	CR100	External alarm relay board-dry contact (Optional accessories for alarm features)
	Stock Code	Description
	KSP-992	Proximity reader with 992 users and alarm feature c/w metal casing (Format : Magnetic)
	Stock Code	Description
	CAS-SKA	32PIN code access and alarm feature c/w metal casing

System Configuration



(All the model above required power supply for operation. 230 - 240Vac, 50Hz input - 12Vdc, 3A output)