SPECIFICATIONS

Power Input: 12 VAC/DC 40VA UL Listed Transformer (12 VAC is supplied by Pach & Company) or 12 VDC Power Supply (not supplied, power supply output voltage must be 13.5-14.5 VDC).
Current Consumption: 350 mA Idle, 475 mA operation.
Communication: RS-485 up to 4000 feet.
Night Light: Yellow LED Indicator/Green LED Indicator
Valid/Invalid Access: Green/Red or Yellow/Red and Buzzer
Operating Environment: Temp. 0˚ - 140˚ F
Relative Humidity: 0% to 95%.
Relay Output: From C Dry Contact 120 Vac 10A/ 24 VDC 10 A/ 250 Vac 7A.
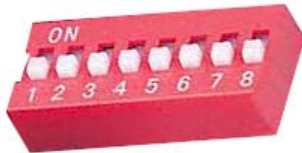**Mounting**: Surface
Support 4-Digit Code
Construction: 16 Gauge Cold Rolled Steel with Brushed Stainless Steel Faceplate.
Dimension: 6 6-1/8"" (H) x 7-1/16" (W), 1-1/2" (D)
Shipping Weight: 5 Lbs.

OPERATIONS
System's ID number set by the DIP Switch

DIP SWITCH 123456 is satellite ID number (6 additional ID, not implemented yet)
DIP SWITCH 78 is Not applicable if the USCR purchased before September 2012 otherwise see table below
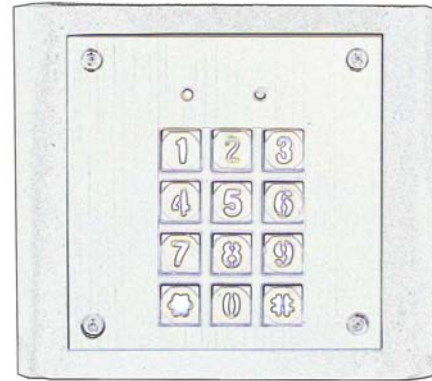
S1 DIP SWITCH SETTING			
DIP SWITCH 12345	**ID#**	**DIP SWITCH 12345**	**ID#**
11111	0	11110	16
01111	1	01110	17
10111	2	10110	18
00111	3	00110	19
11011	4	11010	20
01011	5	01010	21
10011	6	10010	22
00011	7	00010	23
11101	8	11100	24
01101	9	01100	25
10101	10	10100	26
00101	11	00100	27
11001	12	11000	28
01001	13	01000	29
10001	14	10000	30
00001	15	00000	31

78	**Relay Time**
00	15 second
01	8 second
10	12 second
11	4 second

GREEN LED: Night light indicator
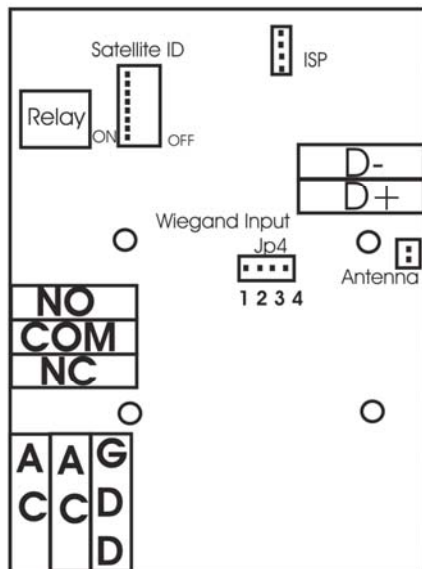**RED**: Invalid card
GREEN LED: Valid card

USKP
Satellite Keypad

USKP is 26-Bit Satellite Keypad. It is compatible with all Quantum Series and AeGIS 9000 Series and AeGIS NPB 9000 Series.

- Parts below are included with the USCR
- Missing Parts, contact Pach and Company 1-888-678-7224
- Defective system under manufacturer warranty, call 1-888-678-7224 for advance replacement
- 24 Months warranty for complete system, installation labor does not include on the warranty.
- 6 Months warranty for Printed Circuit Board (USCRPCB). Installation labor does not include on the warranty
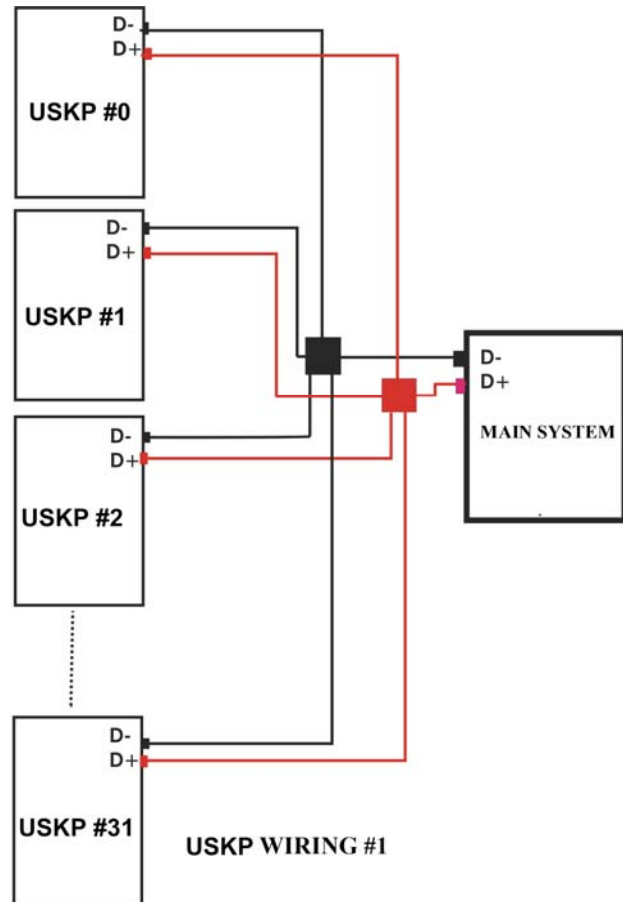- Manual download at www.pach-co.com

USKP #0

D-
D+

USKP #1

D-
D+

USKP #2

D-
D+

USKP #31

D-
D+

USKP WIRING #1

D-
D+

MAIN SYSTEM

Satellite ID

ISP

Relay   ON   OFF

D-
D+

Wiegand Input

Jp4

1 2 3 4

Antenna

NO
COM
NC

A A G
C C D
   D D

AC-AC= 12 VAC 40VA or 12VDC 2A
2-conductors, 16-18 gauge stranded wires

GDD= Earth Ground
1-conductor 14 gauge solid wire

D+ and **D-**= RS-485 Communication
2-conductors,18 gauge shielded stranded wires

NC, COM, NO= Dry contact output for door strike, magnetic lock and gate operator
2-conductors,18 gauge shielded stranded wires

OPTIONAL
26-BIT WIEGAND INPUT Jp4
500 feet maximum, 4 conductor 18 gauge stranded wires

Pin 1= 5 VDC
Pin 2= GND
Pin 3= D1 (Data 1)
Pin 4= D0 (Data 0)

MUST INSTALL SAME READER MANUFACTURER AS THE MAIN SYSTEM. CONNECTOR IS REQUIRED. CONTACT PACH AND COMPANY BEFORE INSTALLING OPTIONAL CARD READER.

D-
D+

USKP #0

D-
D+

USKP #1

D-
D+

USKP #2

D-
D+

USKP #31

D-
D+

MAIN SYSTEM

USKP WIRING #2