

Schlage Credential Formats

Format	Format Description
26A	26-bit standard format (H10301)
32X	32-bit Schlage
35X	35-bit Schlage (site code and Badge ID compatible with C-1000)
35C	35-bit Schlage (identical to C-1000)
36X	36-bit Schlage
37H	37-bit (11-digit ID – same as H10302)
37X	37-bit Schlage (same as H10304)
40X	40-bit Schlage Cardtrax
48X	48-bit Schlage

26A Site Code (S, 0 - 255) and Badge ID (X, 0 - 65535)

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
P	S	S	S	S	S	S	S	S	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	P
E	E	E	E	E	E	E	E	E	E	E	E	E													
													O	O	O	O	O	O	O	O	O	O	O	O	O
25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	09	08	07	06	05	04	03	02	01	00

32X Badge ID(0 - 107374182)

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
P	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	P
E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E																
																O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	09	08	07	06	05	04	03	02	01	00

Schlage Credential Formats

35X Site Code(0 - 4,095) and Badge ID(0 - 1,048,575)

0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	
1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5
P	0	S	S	S	S	S	S	S	S	S	S	S	S	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	P	
E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E																	
																	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	
3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	
4	3	2	1	0	9	8	7	6	5	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0

35C Site Code (S, 0 - 4,095) and Badge ID (X, 0 - 1,048,575)

0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	
1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5
c	a	S	S	S	S	S	S	S	S	S	S	S	S	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	b	
	a	a	a		a	a		a	a		a	a		a	a		a	a		a	a		a	a		a	a		a	a		a	a	
	b	b		b	b		b	b		b	b		b	b		b	b		b	b		b	b		b	b		b	b		b	b		b
c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	
4	3	2	1	0	9	8	7	6	5	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0

Parity Notation for 35C

a: 1st parity bit to be computed over all bits marked with *a*. This bit is an even parity bit.

b: 2nd parity bit to be computed over all bits marked with *b*. This bit is an odd parity bit.

c: 3rd parity bit to be computed over all bits marked with *c*. This bit is an odd parity bit.

Schlage Credential Formats

36X Site Code(0 - 4,095) and Badge ID(0 - 2,097,151)

0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
P	S	S	S	S	S	S	S	S	S	S	S	S	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	1	P	
E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E																		
																		O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	
3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	
5	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0

37H Badge ID(0 - 34,359,738,367)

0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3
1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7
P	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	P
E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E																		
																		O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	
3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	
6	5	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0

37X Site code(0 - 65,535) and BadgeID(0 - 524,287)

0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3
1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7
P	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	P	
E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E																		
																		O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	
3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	
6	5	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0

Schlage Credential Formats

40X Site Code(0 - 1,023) and BadgeID(0 - 268,435,455)

0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4
1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
P	S	S	S	S	S	S	S	S	S	S	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	P	
E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E																					
	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	
3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	
9	8	7	6	5	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0	

48X Site Code(0 - 1,048,575), Badge ID(0 - 1,048,575) and Issue Code(1 – 63)

0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4
1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	
P	I	I	I	I	I	I	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	P	
E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E																				
																												O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0		
7	6	5	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0	

Notation :

X = Badge ID	S = Site/Facility Code	C/I = City Code/Issue Code
P = Parity Bit	E = Even Parity Computation	O = Odd Parity Computation
0 = Zero Always	1 = One Always	K = Checksum Bit