

Live event report protocol

When an event is generated by panel from telephone line port, SE300 compatible with control panels that support a landline interface with CID reporting protocol.

Universal Converter SE300, is an innovative device that allows the CMS to receive events and alarms from any security control panel via Senboll Cloud. SE300 provides the link between CID control panel security systems and Senboll Cloud, then forward the events to the monitoring station via IP120 and/or PCS280

Byte	Value	Description
00	0xFF	High nibble Command Low nibble Bit 3: Event report enable(0) / disable(1) Bit 2: System in alarm. Bit 1: PC connected. Bit 0: APP connected.
01	0xFF	Century
02	0xFF	Year
03	0xFF	Month
04	0xFF	Day
05	0xFF	Hour
06	0xFF	Minute
07	0xFF	Seconed
08-13	0xFF	Serial No of Ethernet/LTE module-网络模块序列码
14-19	0xFF	Serial No of Panel-主机序列码
20-21	0xFF	Event ID-事件编号
22-25	0xFF	N/A
26	0xFF	Bit7=1 Bit6=0 Bit5=1 Bit4=0 Bit3=Working Mode - 网传模块工作方式 1= Under Backup mode (Landline avalible) - 后备方式 0= Under Primary Mode (Landline unavalible) - 接管方式 Bit1 Bit0 =LandLine Status - 电话线状态 0 0 Landline Ready 0 1 Landline Supervise 1 0 Landline Trouble 1 1 N/A
27	0xFF	N/A
28	0xFF	Memory buffer sign - 缓存记忆标志 0xA5= Have event in buffer 0x00= No event in buffer
29	0xFF	CMS Telephone No Lock sign - 中心电话号码锁定 0x00= No CMS phone number locked 0x55= 1 CMS phone number locked 0x5A= 2 CMS phone number locked
30	0xFF	Events in the buffer - 接收主机事件缓存计数 0xFF= Qty of event in the buffer
31-46	0xFF	CMS Telephone No buffer [0]-[15] default every Byte = 0x0C Telephone No in every Byte as Hex: 中心电话号码缓存1-16位, 每个字节低4位为电话号码 Bit7 Bit6 Bit5 Bit4 Bit3 Bit2 Bit1 Bit0 0 0 0 0 N4 N3 N2 N1

47-62	0xXX	<p>Event Contact ID code buffer [0]-[15] -ContactID事件代码</p> <p>CID_BUF(0); CID用户号 4个字节 CID_BUF(1); CID_BUF(2); CID_BUF(3);</p> <p>CID_BUF(4); =1 CID标志 2个字节 CID_BUF(5); =8</p> <p>CID_BUF(6); 1=新事件E 3=恢复事件R</p> <p>CID_BUF(7); CID事件代码 3个字节 CID_BUF(8); CID_BUF(9);</p> <p>CID_BUF(10); 分区号 2个字节 CID_BUF(11);</p> <p>CID_BUF(12); 防区号 3个字节 CID_BUF(13); CID_BUF(14);</p> <p>CID_BUF(15); CID 校验和</p>
63	0xXX	<p>Checksum - 校验和, 计算方法如下</p> <pre> J=0x5A; 循环 I=0 to 63; { J=J 异或 SENT_BUFFER(I); }; SENT_BUFFER(63)=J; </pre>