

APPLICATION NOTE

1. Event code syntax

When it receives an alarm, the Frontel alarm receiving software sends an event code following the syntax below :

EVENT,X,Y,Z

- **X** : Event index number sent from the alarm panel (as described in the next page).
- **Y** : p, s or 0

p	Index of the peripheral The peripherals are indexed according to their order of registration in the panel (0 for the panel, 62 for the XL embedded keypad, 31 for the W wired siren). For the XT, XV or W panels, the programmable inputs are indexed as : Prog Input 1 = 26 ; Prog Input 2 = 27 ; Prog Input3 = 28.
s	Arming profile 1. Full arming 2. Special arming 1 3. Special arming 2 4. External arming 5. Perimeter arming 6. Partition 1 7. Partition 2 8. Special arming in partition 1 9. Special arming in partition 2
c	Battery status 1. Power supply overvoltage. The voltage is exceeding the overvoltage treshold(13.6V). 2. Power supply undervoltage. The voltage is below the undervoltage treshold (3.4V). 3. Adapter overheat. BQ24261 chip temperature is exceeding the temperature treshold (125°C). 4. Abnormal battery temperature. Below 0° C or over 60° C. 5. Charging delay expired. Battery not fully charged after 9h. 6. Battery overvoltage. The battery voltage is exceeding the overvoltage treshold (4.223V). 7. Battery unplugged. The battery is not detected.
0	Not used

- **Z** : d, a g, h or 0

d	Index of the detector. The detectors are indexed according to their order of registration in the panel, excluding non-detecting devices (keypads, sirens, badge readers).
a	Code or badge : • 0-19 : Code or badge labeled according to their order of registration in the panel • 99 (1) : Badge • 100 : Keyfob • 150 : SMS with the associated code • 199 : Automatic arming with scheduling • 200 : Arming from Frontel command • 201 : System disarmed during the entry delay (XT and Visio XTENDER only) • 202 : System disarmed after expiration of the entry delay (XT and Visio XTENDER only) • 203 : Arming input 1 disarmed during the entry delay (XT and Visio XTENDER only) • 204 : Arming input 1 disarmed after expiration of the entry delay (XT and Visio XTENDER only) • 205 : Arming input 2 disarmed during the entry delay (XT and Visio XTENDER only) • 206 : Arming input 2 disarmed after expiration of the entry delay (XT and Visio XTENDER only)
g	Generic Event <i>g= 1, 2 or 3</i>
h	Wired supervision type • 1: Short-circuit • 2: Open circuit • 3: Overcurrent
0	Not used

2. Event codes list

X	Y	Z	Description
1	p	d	Intrusion (without video)
2	p	d	Intrusion restoral
3	p	d	Tamper
4	0	0	Tamper restoral
5	p	d	Panic button
6	0	d	5 successive wrong codes
7	p	a	Duress code 1
8	p	a	Duress code 2
9	p	d	Supervision default
10	p	0	Supervision default restoral
11	0	0	Radio jamming detection
12	0	0	Radio jamming detection restoral
13	0	0	Radio interference default
14	0	0	Radio interference default restoral
15	0	0	Panel low battery default
16	0	0	Panel low battery default restoral
17	p	d	Device low battery default
18	p	0	Device low battery default restoral
19	0	0	AC power loss default
20	0	0	AC power loss default restoral
21	0	0	Phone line default
22	0	0	Phone line default restoral
23	0	0	Panel reboot (a panel malfunction forces the reboot)
24	s	a	Panel armed
25	s	a	Panel disarmed
26	0	0	Periodic test
27	0	0	Alarm memo (the user acknowledges an alarm)
28	0	0	Unused event
29	0	0	Alarm test

X	Y	Z	Description
30	0	0	Remote enrollement request of a keyfob
31	0	0	Remote maintenance request
32	p	0	Smoke detection
33	p	0	Smoke detection restoral
34	p	d	Medical alert
35	p	d	Ethernet connection loss default
36	p	d	Ethernet connection loss default restoral
37	p	g	Detection on the p programmable input
38	p	g	Detection on the p programmable input restoral
39	0	0	Unused event
40	0	0	Connection request to the Frontel App server
41	0	0	GPRS / 2G3G jamming detection
42	0	0	End of GPRS / 2G3G jamming detection
43	p	d	Device Bypass
44	p	d	Device ejection (Swinger shutdown function)
45	p	d	Device ejection restoral
46	p	h	Programmable/XTENDER input supervision
47	p	h	Programmable/XTENDER input supervision restoral
48	p	h	Wired siren supervision
49	p	h	Wired siren supervision restoral
50	c	0	Battery default
51	0	0	Battery default restoral
52	p	d	Device moved

EMEA SALES

23, avenue du Général Leclerc
92340 BOURG-LA-REINE
FRANCE
E-Mail : emeasales@rsivideotech.com

North American Headquarters

1375 Willow Lake Blvd, Suite 103
Vadnais Heights, MN 55110
USA
E-Mail : usasales@rsivideotech.com

