

## Codes List Panel and Frontel

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### 1 – Introduction:

This is a compilation of the different Error and Transmission Codes that may be transmitted by a Panel or by Frontel.

### 2 – Frontel Log Viewer:

**ERR1 :** IDENT command received but not at connection phase 1  
**ERR2 :** AUTH2 command received but not at connection phase 2.  
**ERR4 :** the panel answered with AUTH\_SUCCESS but not at connection phase 4  
**ERR5 :** the received command doesn't match with any of the connection/authentication phase  
**ERR6 :** the ID is already connected and authenticated  
**AUTH\_FAILED :** the authentication failed (wrong level 4 code)  
**NOT\_AUTH :** the panel is not authenticated  
**ERR\_TCP :** TCP error reported by the socket server manager  
**ERR10 :** wrong character received in a command (  $32 \leq c < 127$  )  
**ERR11 :** too many characters for a received command  
**ERR12 :** the file size is larger than expected (file with indicated size)  
**ERR13 :** the file size is too large  
**ERR14 :** the character received is different than a control character after ESC during a file reception  
**ERR15 :** entered in a IDENT/AUTHENT phase in suspended mode  
**ERR16 :** file transfer received (ALARM, LOG, VIDEO) while in suspended mode  
**ERR17 :** Empty command received  
**ERR19 :** too many panels in use (i.e. limitation by 10 panels by default)

### 3 – Events Codes:

**p** = Item number (panel = 62)

**d** = Detector number (this field is optional and should be ignored)

**s** = Arming profile (this field is optional and should be ignored)

**a** = Code or badge as defined below:

- \_ 0 : not defined
- \_ 1-20 : code or badge index
- \_ 991 : badge
- \_ 101-160 : keyfob index 1 to 60
- \_ 200 : Frontel command

Fields in **red** are optional and will be transmitted depending on the panel version.

**EVENT,1,p,d** Intrusion (camera, magnetic contact, PIR...) APP

**EVENT,2,p,d** Intrusion DIS

**EVENT,3,p,d** Tamper APP(sensor, panel)

**EVENT,4,0,0** Tamper DIS (no tamper anymore)

**EVENT,5,p,d** Panic button

**EVENT,6,0,d** False input codes

**EVENT,7,a** Duress code 1

**EVENT,8,a** Duress code 2

**EVENT,9,p,d** Supervision APP

**EVENT,10,0,d** Supervision DIS (no supervision anymore)

**EVENT,11,0,0** Radio jamming APP

**EVENT,12,0,0** Radio jamming DIS (no radio jamming anymore)

**EVENT,13,0,0** Interference APP

**EVENT,14,0,0** Interference DIS ( no interference anymore)

**EVENT,15,0,0** Panel Low battery APP

**EVENT,16,0,0** Panel Low battery DIS

**EVENT,17,p,d** Device Low battery APP

**EVENT,18,0,d** Device Low battery DIS

**EVENT,19,0,0** Panel mains missing

**EVENT,20,0,0** Panel mains return

**EVENT,21,0,0** Phone line fault APP

**EVENT,22,0,0** Phone line fault DIS

**EVENT,23,0,0** Reset panel

**EVENT,24,s,a** Panel fully armed<sup>1</sup>

**EVENT,25,0,a** Panel disarmed<sup>1</sup>

**EVENT,26,0** Periodic test

**EVENT,27,0,0** Alarm memo

**EVENT,28,0,0** Instal help

**EVENT,29,0,0** Alarm test

**EVENT,30,0,0** Remote recording keyfob

**EVENT,31,0,0** Remote access from Panel to

<sup>1</sup> This code is used for the Infrastructure panels, with the 200 badges management.

In this case the EVENT frame will be **EVENT,24,0,99,HHHHHHH**

**EVENT,25,0,99,HHHHHHH**

**HHHHHHH** is the badge code in Hexa

### 3 – GETCAM Error:

These events will come in the log viewer as such :

```
2007/11/13 14:16:36.953 CL 001015070102037C >GETCAM,01,1,89
// request for a GETCAM on camera 1, size 1 (320x200) and a quality factor of 90
(89+1)
2007/11/13 14:16:49.162 CL 001015070102037C GETCAM,1,0,2
// the panel answers GETCAM,camera_number,0,error_code
```

<b>GETCAM ERROR = 0</b>	NONE
<b>GETCAM ERROR = 1</b>	CAMERA BUSY
<b>GETCAM ERROR = 2</b>	CAMERA OUT OF ORDER
<b>GETCAM ERROR = 3</b>	CAMERA NOT EXISTING
<b>GETCAM ERROR = 4</b>	MPEG NOT AVAILABLE
<b>GETCAM ERROR = 5</b>	SESSION ENDED
<b>GETCAM ERROR = 6</b>	INDEXMISMATCH

### 4 – GPRS Error

These are the errors given by the keypad when doing a GPRS level request (Maintenance // GPRS Level), ERROR 149 and ERROR 10 are the most likely to happen.

0	phone failure	
1	No connection to phone	
2	phone-adaptor link reserved	
3	operation not allowed	
4	operation not supported	
5	PH-SIM PIN required	
10	SIM not inserted	SIM not ready (wait 1 more minute) or dirty (take it out and wipe it...)
11	SIM PIN required	
12	SIM PUK required	The SIM is locked after 5 attempts with a PIN code different from "0000". Plug it into your mobile and unlock it with the PUK code.
13	SIM failure	
14	SIM busy	
15	SIM wrong	
16	incorrect password	
17	SIM PIN2 required	
18	SIM PUK2 required	
20	memory full	
21	invalid index	
22	not found	

23	memory failure	
24	text string too long	
25	invalid characters in text string	
26	dial string too long	
27	invalid characters in dial string	
30	no network service	
31	network time-out	
32	network not allowed - emergency calls only	
40	network personalization PIN required	
41	network personalization PUK required	
42	network subset personalization PIN required	
43	network subset personalization PUK required	
44	service provider personalization PIN required	
45	service provider personalization PUK required	
46	corporate personalization PIN required	
47	corporate personalization PUK required	
100	unknown	
103	Illegal MS	
106	Illegal ME	
107	GPRS service not allowed	The GPRS Network is down or non-GPRS SIM card
111	PLMN not allowed	
112	Location area not allowed	
113	Roaming not allowed in this location area	
132	service option not supported	
133	requested service option not subscribed	
134	service option temporarily out of order	
148	unspecified GPRS error	
149	PDP authentication failure	The GPRS Network is down or the APN, Password, User Name settings are not corrects
150	invalid mobile class	

## 5 – Windows Socket Error

Any Windows Socket Error may appear in the log viewer.

The list of these socket error is available there:

<http://msdn2.microsoft.com/en-us/library/ms740668.aspx>