

# Technical Committee 79: Alarm systems

*Now and the Future*

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# Now

The Alarm system committee portfolio of standards, specify an entire intrusion systems represented by fifteen working groups.

- **WG 1** *Intruder & Hold-up Alarm Systems*
- **WG 2** *Detection Devices for Intruder Alarm Systems*
- **WG 3** *Control & indicating equipment, power supply*
- **WG 4** *Social Alarm Systems*
- **WG 5** *Alarm & monitoring systems; transmission equipment*
- **WG 6** *Warning devices*
- **WG 7** *CCTV Surveillance systems for security applications*
- **WG 8** *Access control systems for security applications*
- **WG 9** *Environmental & EMC tests*
- **WG 10** *Security fog devices*
- **WG 11** *Alarm systems local interconnections*
- **WG 12** *Alarm & monitoring systems; transmission network*
- **WG 13** *Combined/integrated alarm*
- **WG 14** *Monitoring and alarm receiving centre requirements (new)*
- **WG 15** *Audio and video door entry systems*

# CLC/TC79 Alarm Systems Intrusion system

## *Systems requirements*

*EN 50131-1:2006 Alarm systems – Intrusion and Hold-up systems – Part 1 System Requirements - Published Nov 06*

## *Power supplies*

*EN 50131-6:1998 Alarm systems – Intrusion systems – Part 6: Power supplies*

# CLC/TC79 Alarm Systems Intrusion system

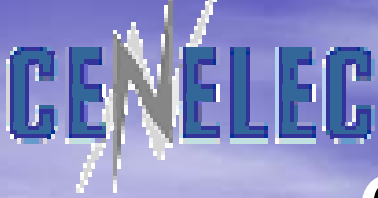
## *Security smoke devices*

*prEN 50131-8 Alarm systems - Intrusion systems – Part 8:  
Security fog devices  
(draft under preparation)*

## *Control Devices*

*TS 50131-3:2003 Alarm systems – Intrusion systems –Part  
3:Control & indicating equipment*

*TS 50398 Alarm systems – Combined & integrated alarm  
systems – General requirements*



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## *Warning devices*

*TS 50131-4:2006*

*Alarm systems – Intrusion systems - Part 4: Warning devices  
– Published May 06*

## *Wireless System*

*EN 50131-5-3:2005*

*Alarm systems – Intrusion systems – Part 5-3: Requirements  
for interconnections using radiofrequency techniques*

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## *Application Guidelines*

*TS 50131-7:2003*

*Alarm systems – Intrusion systems – Part 7: Application guidelines*

*EN 50133-7:1999*

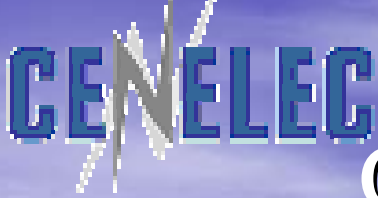
*Alarm systems – Access control systems for use in security applications – Part 7: Application guidelines*

*TS 50134-7:2003*

*Alarm systems – Social alarm systems – Application guidelines*

*TS 50136-7:2003*

*Alarm systems – Alarm transmission systems & equipment  
Part 7: Application guidelines*



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## **CCTV**

*EN 50132 -5:2001*

*Alarm systems – CCTV Surveillance systems for use in security applications – Video transmission*

*EN 50132-7:1996*

*Alarm systems - CCTV surveillance systems for use in security applications - Part 7: Application guidelines  
(new parts under development)*

## **Detectors**

*EN 50131-2 series*

*Alarm systems – Intrusion systems – Parts for combined, glass break, IR, microwave, passive & ultrasonic detectors*

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## ***Alarm transmission network & equipment***

*EN 50136 Series*

## ***Social alarms***

*EN 50134-1:2002*

*Alarm systems – Social alarm systems – Part 1: System requirements*

*EN 50134-3:2001*

*Alarm systems – Social alarm systems – Part 3: Local unit & controller*

*EN 50134-5:2004*

*Alarm systems – Social alarm systems – Part 5: Interconnections & communications*

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## *Access Control*

*EN 50133-1:1997*

*Alarm systems – Access control systems for use in security applications – Part 1: System requirements*

*EN 50133-2-1:2000*

*Alarm systems – Access control systems for use in security applications – Part 2: General requirements for components*

*EN 50133-7:1999*

*Alarm systems – Access control systems for use in security applications – Part 7: Application guidelines*

## ***THE FUTURE***

***What new technologies do we hope to develop?***

***In the world of IP based protocol  
any present function of detection and control  
will develop into a set of application based solutions.  
The new system architecture of an intruder or fire alarm  
system or of a simple home protection installation will  
create a revolution in design and standardisation work***

# *THE FUTURE*

- *INTRUDER AND FIRE ALARM SYSTEMS*
- *ACCESS CONTROL*
- *ALARM MANAGEMENT*
- *VIDEO RECORDING*
- *DIGITAL AUDIO*

***WILL ALL BE INTEGRATED INTO NEW FUNCTIONS VERY LIKELY INTO THE SAME APPLICATION.***

One example for all, already now in the field

*Video cameras now of very small size communicate and receive power via one cable, they send information using TCP/IP protocol, they have their own memory to detect suspicious changes, they explore to confirm and avoid false alarms, they survive and keep images and info for days. Just as an example.....*

## *prEN 50131-8 Alarm systems - Intrusion systems – Part 8: Security fog devices*



## *prEN 50131-8 Alarm systems - Intrusion systems – Part 8: Security fog devices*



