

SENTINEL CCTV Burglar alarm Units

Burglar alarm unit

Digital video recorder

GSM/UMTS controller

3G video calls



3G VIDEO CALL



MOBILE UMTS



WINWATCH
ENTERPRISE



System architecture



Functions

Alarm Video unit

Alarm video units for integrated burglar -alarm and video surveillance security applications

Sizes 460x390x25
Consumption 12Vdc 2A
Weight 6kg

Burglar-alarm unit

8 alarm inputs balanced on 5 levels, expandable to 256 alarm inputs balanced on 5 levels (short circuit, cut, failure, tampering alarm)

through expansion satellites with 8 inputs (Max 31)
2 alarm relays expandable to 30 through expansions to 7 relays
Max. 10 keyboards with LCD display 2x16
Power supply 12V4A with 1 battery of 12Vdc and 17Ah
4 open collector output
1 RS 485
1 RS 232C

Video unit

Digital video-recorder equipped with 8 video inputs, CCIR telecamera 1Vp-p
2 video output equipped with video matrix function
1 SVGA outlet
4 USB ports
2 ps2 inputs, mouse and keyboard
HD 500Gbytes
Compression algorithm Mpeg4 Asp
Equipped with recording 704x576
Recording speed up to 50fps
Image recording functions which can be programmed on independent time ranges and/or alarm/transfer of files on USB device in AVI format

Access control

Management of access control readers, Hydra model.
Up to 8 readers that can be connected on bus RS 485.
Management of magnetic and biometric heads.

Fire-prevention

Management of Sfire 1000 module for the management of up to 96 detectors addressed to digital protocol and 16 addressed keys or modules

Communication unit

LAN 100 relay card 100Base T with integrated TCP/IP protocol UMTS module for video-calls with 3G communication protocol Functions of GSM telephone controller in addition to 3G video-call functions.
Sending and receiving of SMS in case of alarm or other events. It can be programmed without mouse and monitor, through portable PC connected to LAN network

Remote management

The system allows the remote management in two modes. The first one allows to place and receive video-calls from common mobile phone-phones UMTS using video call function with 3G protocol. No software and no particular configuration are required, therefore use is simple and immediate; in addition, it is possible to receive and transmit events through SMS also during the video-call.
Sentinel is equipped with LAN interface and therefore it can be remotely managed through supervision software Winwatch in windows environment.



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