



Professional Solutions in Security

Detailed information about the product can be accessed by clicking on the product pictures.



ACCESS CONTROL SYSTEMS

ALARM & AUTOMATION SYSTEMS

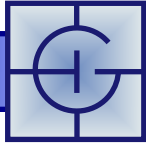
TEMPERATURE & HUMIDITY SYSTEMS

2020 Price List

Access Control



Systems



AC-13 SERIES Password Devices

AC-13P

Password Device



AC-13PX

Password Device



Technical Specifications

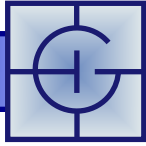
Model	AC-13P	AC-13PX
Environmental Class	Indoor	Indoor / Outdoor
Electrical		
Operating Voltage	12-15 Vdc.	12-15 Vdc.
Current	Stand-by	10 mA.
	Active	40 mA.
Control	µ.Processor	µ.Processor
Outputs		
Output Type	NO.NC.C. Relay	NO.NC.C. Relay
Output Time	1-10 Second	1-255 Second
Bell Output Type	---	NO.NC.C. Relay
Bell Output Time	---	1-255 Second
Output Connector	5 Pin Cable	8 Pin Cable
Output Volt & Curr.	220 Vac. 1A.	220 Vac. 1A.
Indicators		
Sound	Buzzer	Buzzer
Control Lights	2 Led	3 Led
Password		
User Password	1 Pieces	29 Pieces
Password Length	4 Digit	4-8 Selective
Master Password	4 Digit	4-8 Selective
General		
Keyboard	Rubber	Membran

General Features

- * Unbreakable ABS plastic case
- * Cream and black color options
- * Digitally adjustable relay pulling times
- * Returning to factory settings when password is forgotten
- * Sabotage, short circuit and reverse connection protected
- * Dimensions : 55 x 110 x 25 mm.



Unit Price	
AC-13P Password Device	23 \$
AC-13PX Password Device	27 \$



AC-25 SERIES Stand-Alone Card Readers

AC-25R / 25MR
RFID ve MIFARE
Card Reader



Technical Specifications

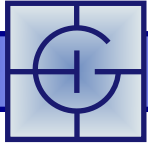
Model	AC-25R	AC-25MR
Environmental Class	Indoor / Outdoor	Indoor / Outdoor
Electrical		
Operating Voltage	12-15 Vdc.	12-15 Vdc.
Current	Stand-by	50 mA.
	Active	100 mA.
Control	µ.Processor	µ.Processor
Reader		
Read Type	RFID	MIFARE
Frequency	125 Khz.	13,56 Mhz.
Data Format	64 Bit Manchester	ISO/TEC 14443A
Speed / Distance	0.01 Sec. / 15 cm.	0.1 Sec. / 7 cm.
Card Capacity	250 Piece	1532 Piece
Metro Card	---	Available
Communication	RS-485 / Wiegand	RS-485 / Wiegand
Outputs		
Output Type	NO.NC.COM Relay	NO.NC.COM Relay
Output Time	1-255 Sec.	1-255 Sec.
Output Connector	8 Pin Cable	8 Pin Cable
Output Volt & Curr.	220 Vac. 1A.	220 Vac. 1A.
Indicators		
Sound	Buzzer	Buzzer
Control Lights	Double Color Led	Double Color Led



General Features

- * Unbreakable ABS plastic case
- * Cream, gray and black color options
- * Digitally adjustable relay pulling times
- * Sabotage, short circuit and reverse connection protected
- * Dimensions : 46 x 90 x 20 mm.

Unit Price	
AC-25R RFID Reader	30 \$
AC-25MR MIFARE Reader	60 \$



AC-15 SERIES Stand-Alone Card Readers with Password

AC-1567KR
Card Reader
with Password



AC-1567LKR
Lcd Card Reader
with Password



Technical Specifications

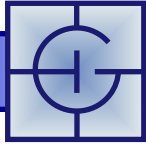
Model	AC-1567KR	AC-1567LKR
Environmental Class	Indoor / Outdoor	Indoor
Electrical		
Operating Voltage	12-15 Vdc.	12-15 Vdc.
Current	Stand-by	60 mA.
	Active	110 mA.
Control	μ.Processor	μ.Processor
Reader		
Read Type	RFID	RFID
Frequency	125 Khz.	125 Khz.
Data Format	64 Bit Manchester	64 Bit Manchester
Speed / Distance	0.01 Sec. / 15 cm.	0.01 Sec. / 20 cm.
Card Capacity	512 Piece	260 Piece
Communication	RS-485 / Wiegand	RS-485 / Wiegand
Password		
User Password	25 Pieces	1 Pieces
Card + Password	256 Pieces	260 Pieces
Password Length	4 Digit	4 Digit
Master Password	4 Digit	4 Digit
Indicators		
Sound	Buzzer	Buzzer
Control Lights	3 Led	2x16 Large LCD
Outputs		
Output Type	NO.NC.COM Relay	NO.NC.COM Relay
Output Time	1-255 Second	1-10 Second
Bell Output Type	NO.NC.COM Relay	---
Bell Output Time	1-255 Second	---
Output Connector	8 Pin Cable	8 Pin Cable
Output Volt & Curr.	220 Vac. 1A.	220 Vac. 1A.
General		
Dimensions	55 x 110 x 25 mm.	135 x 128 x 31 mm.
Color options	Cream / Black	Cream

General Features

- * Unbreakable ABS plastic case
- * Digitally adjustable relay pulling times
- * Sabotage, short circuit and reverse connection protected



Unit Price	
AC-1567KR RFID Reader	55 \$
AC-1567LKR RFID LCD Reader	95 \$



AC-2567 SERIES System Card Readers

AC-2567R / 2567MR
RFID & MIFARE
Card Reader



Technical Specifications

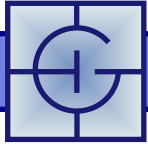
Model	AC-2567R	AC-2567MR
Environmental Class	Indoor / Outdoor	Indoor / Outdoor
Electrical		
Operating Voltage	12-15 Vdc.	12-15 Vdc.
Current	Stand-by	50 mA.
	Active	100 mA.
Control	μ.Processor	μ.Processor
Reader		
Read Type	RFID	MIFARE
Frequency	125 Khz.	13,56 Mhz.
Data Format	64 Bit Manchester	ISO/TEC 14443A
Speed / Distance	0.01 Sec. / 15 cm.	0.1 Sec. / 7 cm.
Card Capacity	42 Piece	1532 Piece
Metro Card	---	Available
Communication	AC-074 / AC-074EI	AC-074 / AC-074EI
Outputs		
Output Type	NO.NC.COM Relay	NO.NC.COM Relay
Output Time	1-255 Sec.	1-255 Sec.
Output Connector	8 Pin Cable	8 Pin Cable
Output Volt & Curr.	220 Vac. 1A.	220 Vac. 1A.
Indicators		
Sound	Buzzer	Buzzer
Control Lights	Double Color Led	Double Color Led



General Features

- * Unbreakable ABS plastic case
- * Cream, gray and black color options
- * Digitally adjustable relay pulling times
- * Sabotage, short circuit and reverse connection protected
- * Dimensions : 46 x 90 x 20 mm.

Unit Price	
AC-2567R RFID Reader	42 \$
AC-2567MR MIFARE Reader	60 \$



AC-1567 SERIES System Card Readers with Password

AC-1567KR
Card Reader
with Password



AC-1567LKR
Lcd Card Reader
with Password



Technical Specifications

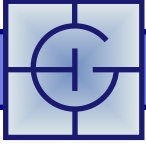
Model	AC-1567KR	AC-1567LKR
Environmental Class	Indoor / Outdoor	Indoor
Electrical		
Operating Voltage	12-15 Vdc.	12-15 Vdc.
Current	Stand-by	60 mA.
	Active	110 mA.
Control	μ.Processor	μ.Processor
Reader		
Read Type	RFID	RFID
Frequency	125 Khz.	125 Khz.
Data Format	64 Bit Manchester	64 Bit Manchester
Speed / Distance	0.01 Sec. / 15 cm.	0.01 Sec. / 20 cm.
Card Capacity	512 Piece	260 Piece
Communication	AC-074 / AC-074EI	AC-074 / AC-074EI
Password		
User Password	25 Piece	1 Piece
Card + Password	256 Piece	260 Piece
Password Length	4 Digit	4 Digit
Master Password	4 Digit	4 Digit
Indicators		
Sound	Buzzer	Buzzer
Control Lights	3 Led	2x16 Large LCD
Outputs		
Output Type	NO.NC.COM Relay	NO.NC.COM Relay
Output Time	1-255 Second	1-10 Second
Bell Output Type	NO.NC.COM Relay	---
Bell Output Time	1-255 Second	---
Output Connector	8 Pin Cable	8 Pin Cable
Output Volt & Curr.	220 Vac. 1A.	220 Vac. 1A.
General		
Dimensions	55 x 110 x 25 mm.	135 x 128 x 31 mm.
Color options	Cream / Black	Cream

General Features

- * Unbreakable ABS plastic case
- * Digitally adjustable relay pulling times
- * Sabotage, short circuit and reverse connection protected



Unit Price	
AC-1567KR RFID Reader	55 \$
AC-1567LKR RFID Lcd Reader	95 \$



RFID-MIFARE Card & Key Tag

AC-PC
RDID Card



AC-PK
RFID Key Tag



Technical Specifications

Model	AC-PC	AC-PK
Environmental Class	Indoor / Outdoor	Indoor
Electrical		
Data Format	Manchester Data	Manchester Data
Data Length	64 Bit	64 Bit
Frequency	125 Khz.	125 Khz.
Color Printing	Appropriate	---



AC-MC
MIFARE Id Card



AC-MK
MIFARE Key Tag

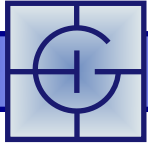


Technical Specifications

Model	AC-MC	AC-MK
Environmental Class	Indoor / Outdoor	Indoor
Electrical		
Data Format	ISO/IEC 14443 A	ISO/IEC 14443 A
Data Length	32 Bit	32 Bit
Frequency	13.56 Mhz	13.56 Mhz
Color Printing	Appropriate	---



Unit Price	
AC-PC RFID Card	0.54 \$
AC-PK RFID Key Tag	0.90 \$
AC-MC MIFARE Card	0.60 \$
AC-MK MIFARE Key Tag	1.50 \$



AC-074 SERIES Access Control Panel

AC-074ETH

Access Control Panel



AC-074SM

Automatic Sms Module



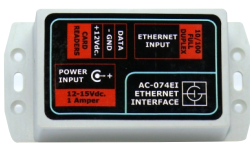
AC-08A

Expanding to 24 floors
8 Floor Lift Control



AC-074EI

Access Control Interface



Technical Specifications

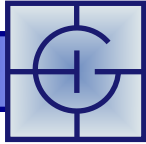
Model	AC-074ETH	AC-074EI
Environmental Class	Indoor	Indoor
Electrical		
Operating Voltage	SMPS 110-220 Vac.	12-15 Vdc. 3A.
Current	Stand-by	200 mA.
	Active	0.5A-3A.
Output Volt & Curr.	3A. 13 Vdc.	12-15 Vdc. 3A.
Battery Out	13,6 Vdc. 7 Ah.	---
Control	ADC μ.Processor	ADC μ.Processor
Outputs		
PC. Output Type	10/100Mb Ethernet	10/100Mb Ethernet
Reader Output Type	2400 Baud Rate	2400 Baud Rate
PC. Connector	RJ-45 (586B)	RJ-45 (586B)
Reader Connector	With Screw Lift	Plug-in Socket
Fire Alarm Input	- Trigger(Open Coll.)	---
Fire Alarm Output	NO.NC. 220Vac/1A.	---
Automation Output	NO.NC. 220Vac/1A.	---
Automatic Sms	Optional	---
Lift Control	Optional 24 Floor	---
Capacity		
Reader	With Keypad 76 Pcs.	With Keypad 5 Pcs.
Card and Log	4095 / 58250	3072 / 51200
Cabling		
Cable Type	3x0.22 LIY(CI) CY	3x0.22 LIY(CI) CY
Cable Length	500 Mt.	500 Mt.
General		
Product Box	Stainless Metal	ABS Plastic
Dimensions	285 x 298 x 78 mm.	108 x 53 x 30 mm.



General Features

- * Compatible with all WINDOWS versions, FREE, SQL Database and PACS Supported control software
- * Multi-Drop digital addressable system with 3 cable connections (+12Vdc.- GND.- DATA)
- * On-line / Off-line operating, Real time clock in transitions (Rtc)
- * Determining card delay time for multiple readings, taking a photo at the moment of transition
- * Professional E-MAIL sending module for late arrivals, early departures and non-arrivals
- * Optional AC-074SM quad band GSM Module for AC-074ETH (Sending pass SMS messages)
- * Optional AC-08A for AC-074ETH, 8-floor elevator control expandable to 24 floors

Unit Price	
AC-074ETH With Keypad	360 \$
AC-074SM Sms Module	84 \$
AC-08A 8 Floor Lift Board	48 \$
AC-074EI Interface	120 \$



AC-1567KR Stand-Alone / System Remote Reader & Remote Control

AC-1567RF Remote Reader



RF-RC Remote Control



Technical Specifications

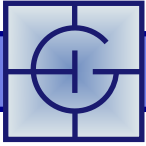
Model		AC-1567RF
Environmental Class		Indoor / Outdoor
Electrical		
Operating Voltage		12-15 Vdc.
Current	Stand-by	60 mA.
	Active	150 mA.
Control		µ.Processor
Reader		
Read Type		RFID
Frequency		433 Mhz.
Data Format		32 Bit ASK
Speed / Distance		0.1 Sec. / 100 mt. (Open Area)
Remote Control Capacity		512 Piece
Communication		AC-074 / AC-074EI / Wiegand
Password		
User Password		25 Piece
Password Length		4 Digit
Master Password		4 Digit
Indicators		
Sound		Buzzer
Control Lights		3 Led
Outputs		
Output Type		NO.NC.COM Relay
Output Time		1-255 Second
Bell Output Type		NO.NC.COM Relay
Bell Output Time		1-255 Second
Output Connector		8 Pin Cable
Output Volt & Current		220 Vac. 1A.
General		
Dimensions		55 x 110 x 25 mm.
Color optionsi		Cream / Black

General Features

- * Unbreakable ABS plastic case
- * Digitally adjustable relay pulling times
- * Sabotage, short circuit and reverse connection protected
- * Stand-alone or operating with computerized systems
- * Dimensions : **RF-RC** : 50 x 35 x 5 mm.



Unit Price	
AC-1567RF Remote Reader	60 \$
RF-RC Remote Control	5.2 \$

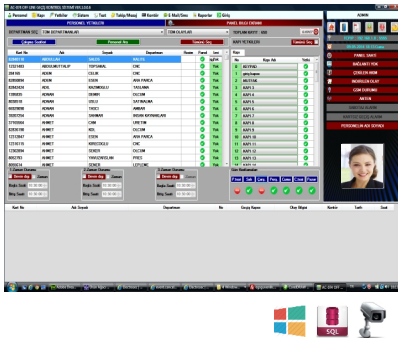


AC-074 SERIES Anviz Fingerprint Reader

T5-PRO Fingerprint Reader



AC-074P Fingerprint Software



Technical Specifications

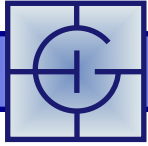
Model	T5-PRO	
Environmental Class	Indoor	
Electrical		
Operating Voltage	12-15 Vdc.	
Current	Stand-by	200 mA.
	Active	300 mA.
Control	μ.Processor	
Reader		
Read Type	BiyonNano Technology V10	
Resolution	500 Dpi	
Reading Speed	0.5 Second	
Scan Area	22mm. x 18mm.	
Card Reading Distance	5-6 cm.	
Capacity		
Fingerprint Capacity	1000 Piece	
Card Capacity	1000 Piece	
Card Type	Standart RFID optional MIFARE	
Event Memory	50.000 Log Capacity	
Communication		
Communication Protocol	RS485, USB, TCP / IP	
Outputs		
Output Type	NO.NC.COM Relay 220Vac/1A.	
Output Time	1-255 Second	
General		
Dimensions	135 x 50 x 30 mm	

General Features

- * SQL Database and PACS Supported control software
- * Software Compatible with all WINDOWS versions
- * Server or Client Setup
- * On-line / Off-line operating, Real time clock in transitions (Rtc)
- * taking a photo at the moment of transition
- * Professional E-MAIL sending module for late arrivals, early departures and non-arrivals
- * Wide selection of reporting menu
- * Excel, E-mail, Printer, Text throughput



Unit Price	
T5-PRO Fingerprint Reader	175 \$
AC-074P Software	60 \$



ACCESS CONTROL Turnstiles & Barriers

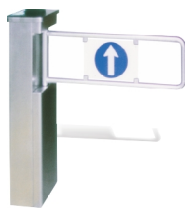
AT-20
Tripot
Stainless Turnstile



AT-24
Tripot
Stainless Turnstile



AV-21
VIP Turnstile



AK-22
Vehicle Barrier



Technical Specifications

Model	AT-20	AT-24
Environmental Class	Indoor / Outdoor	Indoor / Outdoor
Electrical		
Operating Voltage	110-240 Vac SMPS	110-240 Vac SMPS
Power Consumption	60 W	60 W
Operating Temp.	(-20), (+50) °C	(-20), (+50) °C
Case		
Steel Type	304 quality steel	304 quality steel
Steel Thickness	1.20mm	1.20mm
Sleeve Length	43 cm.	43 cm.

Technical Specifications

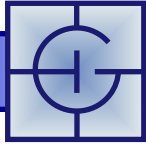
Model	AV-21	AK-22
Environmental Class	Indoor / Outdoor	Indoor / Outdoor
Electrical		
Operating Voltage	110-240 Vac SMPS	110-240 Vac SMPS
Power Consumption	60 W	300 W
Operating Temp.	(-20), (+50) °C	(-20), (+50) °C
Case		
Steel Type	304 quality steel	304 quality steel
Steel Thickness	1.20mm	1.20mm
Sleeve Length	75 cm.	330 / 480 / 600 cm.

Unit Price	
LT-303A Tripot Stainless Turnstile	500 €
AT-24 Tripot Stainless Turnstile	410 €
AV-21 VIP Turnstile	650 €
AK-22 Vehicle Barrier	490 €

Alarm & Automation



Systems

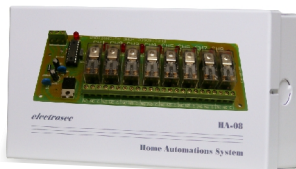


BURGLAR & FIRE Alarm Panel and Automation Unit

DAP-06
Burglar and Fire
Alarm Panel



DAP-06HA
8 Channel
Automation Unit



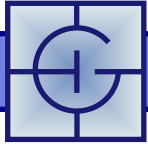
Technical Specifications

Model		DAP-06
Environmental Class	Indoor	
Electrical		
Input Voltage	16 Vac.	
Power Consumption	40 W	
Output Voltage	13 Vdc. SMPS	
Output Current	3 A. Short Circuit Protection	
Outputs		
Number of Zone	6 Zone	
Battery Output	13.6 Vdc. Step Down	
Zone Socket	Screw Lift	
Alarm Outputs	Programmable + ve - output	
Keypad Outputs	4 Cable (+, -, Data, Sound)	
Keypad Cable length	500 mt. (1200 Br.)	
Automation Output	3 Cable (+, -, Data)	
Alarm Monitoring Data	ADEMCO Contact ID	
General		
Number of Users	19 Users, 1 Duress Password	
Sound Message	6 sec. 8 Separate Sound Recording	
Remote Access	Arming, Disarm, Listening to Sound	
Automation	Optional 8 Channel (DAP-06HA)	
Case Type	Stainless Metal	
Dimensions	DAP-06	285 x 298 x 78 mm.
	DAP-06HA	285 x 128 x 52 mm.

General Features

- * Separate voice message recording for each alarm zone
- * 20 Users, 3-6 digits password lengt
- * 8 Telephone memory dial module
- * 34 Zone separation in separate combinations (Partition)
- * Silent emergency call, real time clock
- * Private voice messages, automation data output
- * Arming and disarming alarms over the telephone line
- * Silencing the siren and listening to the alarm place at the time of alarm
- * Remote access barrier against wrong password entry 3 times

Unit Price		
DAP-06 Alarm Panel		50 \$
DAP-06HA 8 ch. Automation Unit		70 \$



BURGLAR & FIRE Alarm Panel Keypad

DAP-06KPL/KPLR
Burglar & Fire
Alarm Panel Keypad



Technical Specifications

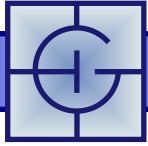
Model	DAP-06KPL	DAP-06KPLR
Environmental Class	Indoor	Indoor
Electrical		
Operating Voltage	12-15 Vdc.	12-15 Vdc.
Current	Stand-by	100 mA.
	Active	150 mA.
Control	µ.Processor	µ.Processor
Reader		
Read Type	---	RFID
Frequency	---	125 KHz.
Data Format	---	64 Bit Manchester
Speed / Distance	---	0.01 Sec. / 20 cm.
Card Capacity	---	20 Piece
Communication	1200 Br.	1200 Br.
Password		
User Password	20 Piece	20 Adet
Password Length	3-6 Digit	3-6 Digit
Indicators		
Sound	Buzzer	Buzzer
Display	2*16 Large Lcd	2*16 Large Lcd
Control Lights	19 Led	19 Led
Emergency Keys	Police, Fire, Health	Police, Fire, Health
General		
Microphone	Electret	Electret
Quick Arming	Available	Available
Dimensions	135 x 128 x 31 mm.	135 x 128 x 31 mm.

General Features

- * 2 Line 16 character illuminated large LCD display, With protection cover
- * 4 x 4 + 3 illuminated rubber keypad
- * Ability to name 6 alarm zones up to 8 characters
- * Listening to ambience sound at alarm via microphone on it
- * Voice message recording from the microphone on it
- * Police, ambulance and fire brigade emergency keys for AMS(Alarm Monitoring Center)
- * Quick arming with one button
- * Power and battery status graph on the screen
- * 4-wire connection with panel (+12V, GND, DATA, VOICE)



Unit Price	
DAP-06KPL Alarm Keypad	40 \$
DAP-06KPLR Keypad with Card Reader	60 \$



ALARM Detectors

EPD-312

Digital PIR Detector



Technical Specifications

Model	EPD-312
Environmental Class	Indoor
Electrical	
Input Voltage	9-15 Vdc
Power Consumption	18 mA.
Control	ADC μ .Processor
Protection	Very high EMI and RFI shielding
Sensor	Infrared 2 element sensor
Sensing Distance	11 mt.
Detection Angle	110°
Outputs	
Alarm Output	Adjustable N.O. N.C.
Output Relay	SSL endless life semiconductor relay
Sabotage	Anti tamper switch N.C.
Sensitivity	
Precision	Time adjustable dual alarm feature
Perception	Selectable high and normal detection
Ambient Balancer	NTC ambient heat stabilizer
Indicators	
Detection Led	On / off led setting
General	
Dimensions	70x120x45 mm.

General Features

- * ADC μ .Processor controlled
- * Very high EMI and RFI shielding
- * Infrared 2 element sensor
- * Sensing distance 11 Meters
- * Detection Angle 110 °
- * Adjustable N.O. N.C. alarm output
- * Programmable time set dual alarm feature
- * Anti tamper switch
- * Adjustable high and normal detection sensitivity
- * NTC electronic ambient heat stabilizer
- * On / off led setting
- * SSL endless life semiconductor relay
- * Including plastic mounting bracket

Unit Price	
EPD-312 Digital PIR Detector	10.60 \$



ALARM Detectors

SD-3239
Optic Smoke Detector



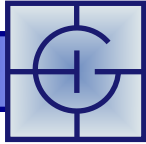
Technical Specifications

Model	SD-3239
Environmental Class	Indoor
Electrical	
Input Voltage	AC-DC Input (8-16Vac. / 10-24Vdc.)
Power Consumption	10 mA.
Control	ADC μ .Processor
Protection	Very high EMI and RFI shielding
Sensor Type	Infrared sensor
Sensor Protection	Luminary labyrinth, Dust protected
Restart	Selectable, Automatic or Manual
Outputs	
Alarm Output	Adjustable N.O. N.C.
Output Relay	SSL Endless life semiconductor relay
Internal Siren	Piezo Buzzer 85 Db.
Indicators	
Control Lights	2 Sided wide angle red led
General	
Mounting Housing	Available
Dimensions	Diameter : 103 / Height : 53 mm

General Features

- * Digital optic smoke detector
- * Advanced software algorithm that measures the intensity of infrared light and automatically adjusts the detection sensitivity
- * ADC μ .Processor controlled
- * Luminary labyrinth, Dust protected sensor
- * Very high EMI and RFI shielding
- * SSL endless life semiconductor relay
- * AC-DC input (8-16Vac. / 10-24Vdc.)
- * 85 Db Alarm siren
- * 2 Alarm control lights
- * Adjustable relay output (N.O.-N.C.)
- * Adjustable automatic restart
- * Protective mounting plastic housing

Unit Price	
SD-3239 Optic Smoke Detector	14,99 \$



MEDICAL DEVICES & ALARM Phone Dialer Modules With Voice

VD-2005SMD

Phone Dialer Modul



VD-2005P

Plus Phone Dialer Modul



Technical Specifications

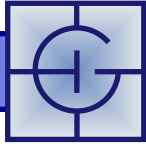
Model	VD-2005SMD	VD-2005P
Environmental Class	Indoor	Indoor
Electrical		
Operating Voltage	12-15 Vdc.	12-24 Vdc. SPMS
Current	Stand-by	10 mA.
	Active	130 mA.
Control	µ.Processor	µ.Processor
Dial		
Dial Type	Dtmf / Pulse	Dtmf / Pulse
Number of dialing	Adjustable 1-10	Adjustable 1-10
Phone Memory	114 Digit	20 Pieces
Internal Line Out	Adjustable 5 Digit	Adjustable 4 Digit
Line Distance	Automatic (AGC)	Automatic (AGC)
Trigger Inputs	+ & - Trigger Inputs	+ & - Trigger Inputs
Voice		
Recording Frequency	6.4 Khz.	6.4 Khz.
Recording length	40 Second	40 Second
Recording Type	Electret Microphone	Electret Microphone
Indicators		
Power Light	Green Led	Line Green Led
Rec. & Alarm Light	Red Led	From Key Lights
Key Tone	Piezo Buzzer	Piezo Buzzer
Key Lighting	---	16 Led
Remote Access		
Listen Ambient Sound	---	Available
Auto Answer	---	Available
Call Cancellation	---	Available
General		
Dimensions	55 x 110 x 25 mm.	100 x 140 x 22 mm.

General Features

- * Compatible with all types of Central Office Lines (ISDN, PSDN, ADSL)
- * Automatic gain control (AGC) measuring line losses in DTMF transmission
- * Operating with any type of alarm panel
- * 114 digits phone memory
- * 40 sec. Digital voice message recording
- * Green and red control lights
- * Tone / Pulse dialing, + & - trigger inputs
- * Compatible to any type of extension
- * Up to 5 digits can be dialing from the internal line



Unit Price	
VD-2005SMD Phone Dialer Modul	30 \$
VD-2005P Phone Dialer Modul	60 \$



MEDICAL DEVICES & ALARM LCD Phone Dialer Modules With Voice

VD-2005LCD
Phone Dialer Modul



Technical Specifications

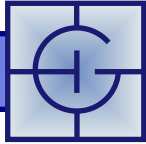
Model		VD-2005LCD
Environmental Class		Indoor
Electrical		
Operating Voltage		12-15 Vdc.
Current	Stand-by	50 mA.
	Active	200 mA.
Control		µ.Processor
Dial		
Dial Type		Dtmf / Pulse
Number of dialing		Adjustable 1-10
Phone Memory		113 Digit
Internal Line Out		Adjustable 4 Digit
Line Distance		Automatic (AGC)
Trigger Inputs		+ & - Trigger Inputs
Trigger Input Type		Adjustable N.O. N.C.
Trigger Delay		Adjustable 00-99 Minutes
Tour Delay		Adjustable 00-99 Hours
Voice		
Recording Frequency		6.4 Khz.
Recording length		40 Second
Recording Type		Electret Microphone
Indicators		
Display		2x16 BackLight, English Menu
Key Tone		Buzzer
General		
Dimensions		100 x 140 x 22 mm.

General Features



- * Specially designed for medical devices
- * Compatible with all types of Central Office Lines (ISDN, PSDN, ADSL)
- * Automatic gain control (AGC) measuring line losses in DTMF transmission
- * Operating with any type of alarm panel, 114 digits phone memory
- * 40 sec. Digital voice message recording, Tone / Pulse dialing, + & - trigger inputs
- * Counter memory showing how many times alarms have occurred, Adjustable call on / off feature
- * Changeable N.O. N.C. trigger inputs, Trigger or tour based search feature
- * 00-99 Minutes adjustable trigger delay, 00-99 Hours adjustable tour delay
- * 4 digit programming password, Random reset password for forgetting password
- * Compatible to any type of extension, Up to 4 digits can be dialing from the internal line

Unit Price	
VD-2005LCD LCD Phone Dialer Modul	84 \$



MEDICAL DEVICES & ALARM Gsm Dialer Modules With Voice

GD-17 / GTD-17
Gsm Dialer Modul



Technical Specifications

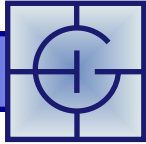
Model	GD-17	GTD-17
Environmental Class	Indoor	Indoor
Electrical		
Operating Voltage	12-24 Vdc. SPMS	12-24 Vdc. SPMS
Current	Stand-by	150 mA.
	Active	250 mA.
Control	µ.Processor	µ.Processor
Dial		
Dial Type	Gsm Line	Phone / Gsm Line
Number of dialing	Adjustable 1-10	Adjustable 1-10
Phone Memory	20 Pieces	20 Pieces
Internal Line Out	---	Adjustable 4 Digit
Line Distance	---	Automatic (AGC)
Trigger Inputs	+ & - Trigger Inputs	+ & - Trigger Inputs
Voice		
Recording Frequency	6.4 Khz.	6.4 Khz.
Recording length	60 Second	60 Second
Recording Type	Electret Microphone	Electret Microphone
Indicators		
Power Light	Line Green Led	Gsm / Line Led
Rec. & Alarm Light	From Key Lights	From Key Lights
Key Tone	Piezo Buzzer	Piezo Buzzer
Key Lighting	16 Led	16 Led
Remote Access		
Listen Ambient Sound	Available	Available
Auto Answer	Available	Available
Call Cancellation	Available	Available
General		
Dimensions	100 x 140 x 22 mm.	100 x 140 x 22 mm.

General Features

- * Central office line and/or extension & GSM Sim card input (GTD-17)
- * Central office line and/or extension outputs (GTD-17)
- * Compatible with all types of Central Office Lines (ISDN, PSDN, ADSL) (GTD-17)
- * Calling over GSM line in case of Central office line interruption (GTD-17)
- * QUAD band compatible with all operators 800-900-1800-1900 Mhz. GSM module
- * 20 Phone dial capacity, Tone / Pulse dialing (GTD-17), + & - trigger inputs
- * Automatic gain control (AGC) measuring line losses in DTMF transmission (GTD-17)
- * 60 sec. Digital voice message recording, Listening to ambient sound at time of alarm or remote access
- * Canceling other calls if desired during the alarm, Entry to remote access with programming password
- * Blocking of remote access with wrong password 3 times, 5 Led antenna level



Unit Price	
GD-17 Gsm Dialer Modul	110 \$
GTD-17 Phone / Dialer Modul	124 \$



MEDICAL DEVICES & ALARM Gsm Dialer & Automation Modul With Voice

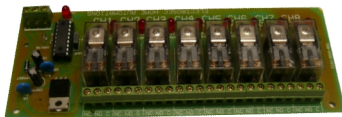
GD-17A

Gsm Dialer and Sms Automation Modul



GD-A8C

8 Channel Gsm Automation Board



Technical Specifications

Model		GD-17A
Environmental Class		Indoor
Electrical		
Operating Voltage		12-24 Vdc. SPMS
Current	Stand-by	150 mA.
	Active	250 mA.
Control		µ.Processor
Dial		
Dial Type		Gsm Line
Number of dialing		Adjustable 1-10
Phone Memory		20 Pieces
Trigger Inputs		+ & - Trigger Inputs
Automation		
Number of Channels		Standart 1 Ch. optional + 8 Ch.
Rekey Output		NO.NC. COM. 220Vac/1A.
Data Output		TTL Open Collector
Voice		
Recording Frequency		6.4 Khz.
Recording length		60 Second
Recording Type		Electret Microphone
Indicators		
Key Lighting		16 Led
Key Tone		Buzzer
General		
Dimensions		100 x 140 x 22 mm.

General Features

- * QUAD band compatible with all operators 800-900-1800-1900 Mhz. GSM module
- * 1 channel GSM automation ;
 - ▶ Encrypted relay control by SMS or by calling the device
 - ▶ On-Off or time-dependent relay control
 - ▶ Status information query with SMS
- * 8 channel extension relay board data output
- * 20 Phone dial capacity
- * + and - Trigger inputs
- * 60 Sec. Digital voice message recording
- * Listening to ambient sound at the time of alarm or remote access
- * Canceling other calls if desired during the alarm
- * Entry to remote access with programming password
- * Blocking of remote access with wrong password 3 times
- * 5 Led antenna level

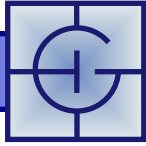


Unit Price		
GD-17A	Gsm Dialer & Automation Modul	125 \$
GT-A8C	8 Channel Gsm Automation Board	70 \$

Temperature & Humidity



Monitoring Systems



TH-SERIES Temperature, Humidity & Alarm Systems

TH-02 ETH

Temperature & Humidity Alarm System



Technical Specifications

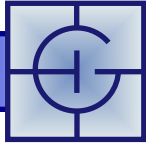
Model	TH-02ETH	
Environmental Class	Indoor	
Electrical		
Operating Voltage	16-24 Vdc. SPMS	
Current	Stand-by	100 mA.
	Active	150 mA.
Control	μ.Processor	
Sensor		
Temp.Measurement Range	-40 to +125 C°	
Hum.Measurement Range	00-100 % RH	
Temp.Measurement Step	0.1 C°	
Hum.Measurement Step	1 % RH	
Temperature Error Rate	+ - 0.4 C° (Max.)	
Humidity Error Rate	% 4 RH (Max.)	
Outputs		
Number of Zone	Programmable 4 Zone	
Zone Type	Programmable NO/NC Input	
Battery Output	13.6 Vdc. 7 Ah. Step Down	
Computer Output	10/100Mb Ethernet	
Alarm Output	TTL Open Collector 10 A.	
Indicators		
Display	2x16 Large Backlight LCD	
Screen Menu	English	
General		
Dimensions	135 x 128 x 31 mm.	



General Features

- * Server rooms, Hospitals, Laboratories, Pharmacies, Cold Storage, Markets & Professional Solutions for Anywhere Requiring ALARM, HEAT, HUMIDITY, FLOODING Control
- * Programmable temperature and humidity sensor on the device
- * Programmable N.O. N.C zone and trigger inputs
- * 4 Zone inputs for ALARM system
- * 10 Alarm user passwords
- * Flood sensor with relay, Smoke and PIR detector can be connected
- * Programmable temperature and humidity ranges alarm conditions
- * Trigger output for external siren, Computer tracking program, Sending of E-Mail from the computer

Unit Price		
TH-02ETH	Temperature & Humidity System	132 \$



TH-SERIES Temperature, Humidity & Alarm Systems With GSM Modul

Technical Specifications

TH-02EG
Temperature & Humidity
Alarm System



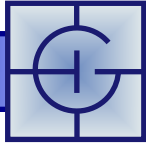
Model		TH-02EG
Environmental Class		Indoor
Electrical		
Operating Voltage		16-24 Vdc. SPMS
Current	Stand-by	150 mA.
	Active	250 mA.
Control		µ.Processor
Sensor		
Temp.Measurement Range		-40 to +125 C°
Hum.Measurement Range		00-100 % RH
Temp.Measurement Step		0.1 C°
Hum.Measurement Step		1 % RH
Temperature Error Rate		+ - 0.4 C° (Max.)
Humidity Error Rate		% 4 RH (Max.)
Outputs		
Gsm Modul		Quad Band GSM/GPRS modul
Number of Zone		Programmable 4 Zone
Zone Type		Programmable NO/NC Input
Battery Output		13.6 Vdc. 7 Ah. Step Down
Computer Output		10/100Mb Ethernet
Alarm Output		TTL Open Collector 10 A.
Indicators		
Display		2x16 Large Backlight LCD
Screen Menu		English
General		
Dimensions		135 x 128 x 31 mm.



General Features

- * Server rooms, Hospitals, Laboratories, Pharmacies, Cold Storage, Markets & Professional Solutions for Anywhere Requiring ALARM, HEAT, HUMIDITY, FLOODING Control
- * Programmable temperature and humidity sensor on the device
- * Programmable N.O. N.C zone and trigger inputs
- * 4 Zone inputs for ALARM system
- * 10 Alarm user passwords
- * Sending of E-Mail / SMS from the computer
- * Leave a call after SMS messages
- * Flood sensor with relay, Smoke and PIR detector can be connected
- * Programmable temperature and humidity ranges alarm conditions
- * Trigger output for external siren, Computer tracking program

Unit Price	
TH-02EG Temperature & Humidity System	190 \$



TH-SERIES 3 Channel Temperature, Humidity & Alarm Systems

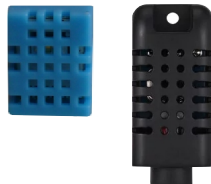
TH-03 ETH

Web Based, 3 Channel Temp. & Hum. Alarm System



TH-PROB

Temp. & Hum. Probe



Technical Specifications

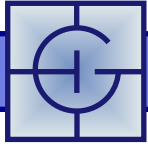
Model	TH-03ETH	
Environmental Class	Indoor	
Electrical		
Operating Voltage	16-24 Vdc. SPMS	
Current	Stand-by	100 mA.
	Active	150 mA.
Control	µ.Processor	
Sensor		
Temp.Measurement Range	-40 to +125 C° Arası	
Hum.Measurement Range	00-100 % RH	
Temp.Measurement Step	0.1 C°	
Hum.Measurement Step	1 % RH	
Temperature Error Rate	+ - 0.4 C° (Max.)	
Humidity Error Rate	% 4 RH (Max.)	
Interface		
Number of Probe Channels	3 Channel	
Event Memory	51.200 (Flash Memory)	
Communication	3 connectors (+5Vdc, - Gnd, Data)	
Outputs		
Number of Zone	Programmable 4 Zone	
Zone Type	Programmable NO/NC Input	
Battery Output	13.6 Vdc. 7 Ah. Step Down	
Computer Output	10/100Mb Ethernet	
Alarm Output	TTL Open Collector 10 A.	
Indicators		
Display	2x16 Large Backlight LCD	
Screen Menu	English	
General		
Dimensions	135 x 128 x 31 mm.	

General Features

- * Server rooms, Hospitals, Laboratories, Pharmacies, Cold Storage, Markets & Professional Solutions for Anywhere Requiring ALARM, HEAT, HUMIDITY, FLOODING Control
- * Web based software, Compatible with all internet browsers
- * Transferring from web interface to printer and Excel reports, Real-time 51.200 recording capacity
- * Off-Line 1-255 minutes recording interval, Programmable N.O. N.C Zone and trigger inputs
- * 4 Zone inputs for ALARM system, 10 Alarm user passwords
- * Flood sensor with relay, Smoke and PIR detector can be connected
- * Programmable temperature and humidity ranges alarm conditions, Trigger output for external siren
- * Computer tracking program, Sending of E-Mail from the computer



Unit Price		
TH-03ETH	Including 1 Probe	195 \$
TH-PROB	Additional Temp. & Hum. Probe	30 \$

**TH-SERIES** 3 Ch. Temperature, Humidity & Alarm Systems With GSM Modul**TH-03EG**

Web Based, 3 Channel
Temp. & Hum. Alarm System

**TH-DSP**

Temperature & Humidity
Led Display



288 x 150 x 36 mm.
(48x24) 1152 Pieces 3mm
matrix red led

Technical Specifications

Model		TH-03EG
Environmental Class		Indoor
Electrical		
Operating Voltage		16-24 Vdc. SPMS
Current	Stand-by	100 mA.
	Active	150 mA.
Control		µ.Processor
Sensor		
Temp.Measurement Range		-40 to +125 C° Arası
Hum.Measurement Range		00-100 % RH
Temp.Measurement Step		0.1 C°
Hum.Measurement Step		1 % RH
Temperature Error Rate		+ - 0.4 C° (Max.)
Humidity Error Rate		% 4 RH (Max.)
Interface		
Number of Probe Channels		3 Channel
Event Memory		51.200 (Flash Memory)
Communication		3 connectors (+5Vdc, - Gnd, Data)
Outputs		
Gsm Modul		Quad Band GSM/GPRS modülü
Number of Zone		Programmable 4 Zone
Zone Type		Programmable NO/NC Input
Battery Output		13.6 Vdc. 7 Ah. Step Down
Computer Output		10/100Mb Ethernet
Alarm Output		TTL Open Collector 10 A.
Indicators		
Display		2x16 Large Backlight LCD
Screen Menu		English
General		
Dimensions		135 x 128 x 31 mm.

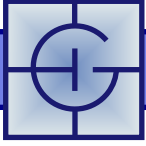
General Features

- * Server rooms, Hospitals, Laboratories, Pharmacies, Cold Storage, Markets & Professional Solutions for Anywhere Requiring ALARM, HEAT, HUMIDITY, FLOODING Control
- * Web based software, Compatible with all internet browsers
- * Transferring from web interface to printer and Excel reports, Real-time 51.200 recording capacity
- * Off-Line 1-255 minutes recording interval, Programmable N.O. N.C Zone and trigger inputs
- * 4 Zone inputs for ALARM system, 10 Alarm user passwords
- * Flood sensor with relay, Smoke and PIR detector can be connected
- * Programmable temperature and humidity ranges alarm conditions, Trigger output for external siren
- * Computer tracking program, Sending of E-Mail / Sms from the computer, Leave a call after SMS messages



Unit Price

TH-03EG Including 1 Probe	253 \$
TH-DSP Led Display	95 \$

**TH-SERIES** Temperature, Humidity & Alarm Systems With GSM/GPRS Modul

Technical Specifications

TH-02G
GSM/GPRS Temp. & Hum.
Alarm System

Model	TH-02G	
Environmental Class	Indoor	
Electrical		
Operating Voltage	16-24 Vdc. SPMS	
Current	Stand-by	150 mA.
	Active	250 mA.
Control	µ.Processor	
Sensor		
Temp.Measurement Range	-40 to +125 C° Arası	
Hum.Measurement Range	00-100 % RH	
Temp.Measurement Step	0.1 C°	
Hum.Measurement Step	1 % RH	
Temperature Error Rate	+ - 0.4 C° (Max.)	
Humidity Error Rate	% 4 RH (Max.)	
Outputs		
Gsm Modul	Quad Band GSM/GPRS modülü	
E-Mail/Sms	Over GPRS Without Computer	
Number of Zone	Programmable 4 Zone	
Zone Type	Programmable NO/NC Input	
Battery Output	13.6 Vdc. 7 Ah. Step Down	
Alarm Output	TTL Open Collector 10 A.	
Indicators		
Display	2x16 Large Backlight LCD	
Screen Menu	English	
General		
Dimensions	135 x 128 x 31 mm.	

General Features

- * Server rooms, Hospitals, Laboratories, Pharmacies, Cold Storage, Markets & Professional Solutions for Anywhere Requiring ALARM, HEAT, HUMIDITY, FLOODING Control
- * Programmable temperature and humidity sensor on the device
- * Programmable N.O. N.C zone and trigger inputs
- * 4 Zone inputs for ALARM system
- * Arm and disarm by SMS
- * 4 separate trigger inputs for emergency SMS
- * 16 characters SMS message header memory for each zone
- * SMS and EMAIL authorization and forwarding
- * Flood sensor with relay, Smoke and PIR detector can be connected
- * Programmable temperature and humidity ranges alarm conditions
- * Trigger output for external siren
- * Notifications of all events via E-Mail, SMS and GPRS



Unit Price

TH-02G GSM/GPRS Temp. & Hum. System

170 \$

COMMERCIAL CONDITIONS

- * 18 % VAT for our prices not included
- * Our prices are published in US Dollars (USD) and are based on the effective selling rate of the central bank on the invoice date
- * Our products are covered by a 2-year warranty against manufacturing defects starting from the invoice date
- * **Please contact us for our very special export prices**

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