

## UP-Guard 6001

Environmental Monitoring System

Product Overview – 2015

Nowadays the most valuable factor for any company is information. So where is this information stored? Data centers... There are many risks that threaten the safety of these data centers which are the brains of any company. Are you taking enough precautions to prevent these risks?

*This is where UP-Guard can help.*

*Rest assured, our product always watches over and manages your enterprise*

An advanced solution of UP-Guard Environment Monitoring and Management Systems, UP-Guard 6001, offers the monitoring of entire data centers of different sizes.

*Integrates with all kinds of equipment such as air conditioners, generators, UPS and transfers detailed information about these equipments to you.*

**Monitoring:** Temperature, humidity, water leak, airflow, smoke, motion, vibration, open/close controls, electricity values, UPS, IP camera systems are only some of the variables that can be monitored and managed in a data centers. Using proximity and Keypads, entries in a room or a cubicle can be controlled and logged.

**Alarming:** If any monitored system exceeds the maximum or minimum value which are defined by the manager, the assigned personal can be warned via; e-mail, SMS, voice mail or buzzer.

**Managing:** By activating the associated managing function according to the occurring alarm, risks can be put under control without allowing any damage.

**Reporting:** Logging all the monitoring, alarming and management functions on the system, it is possible to form an archive. By checking the past-date reports and analyzing them, IT budgets can be put under control.

- To what extend do you control your company?
- Can you control the heat, humidity values or flood risks?
- Can you protect your expensive equipment?
- Can you instantly be informed of any possible alarms?
- Can you monitor and protect your datastores?
- Does your company support the Green IT?
- Can you avoid an unexpected damage?
- Can you avoid money, time and labor losses?
- Can you calculate possible breakdowns?

### Smartpack Central Management Software

UPCOM SmartPack Central Management Software Systems gathers all the data from UP-Guard Environment Monitoring Systems installed in multiple locations, in one center. UP-Guard Systems of different features on every location can be easily controlled by the user through the monitoring options of maps, diagrams and lists.

Monitoring and management functions can be used from one central computer. UP-Guard systems, located on different places around the world can be monitored, alarms can be get, managing functions can be used and extensive reporting and analysis can be made through one interface by utilizing dynamic maps like Google Earth.

Thus, major corporations can; through calculating their yearly IT expenses, controlling their service quality and inspecting their risk management, keep their infrastructural expenses for next year in check.



## Software Properties

- User-Friendly Interface
- Easy Install and Configuration
- Dual level Alarming: Critical Level and Alarm
- SNMP Support
- Alarm sending via E-Mail
- Alarm sending via SMS (Optional – with GSM Modem)
- Alarm sending via Voice Mail (Optional - with GSM Modem and Voice Mail Module)
- Alarm showing via LCD
- 124 units of UPCOM External Sensor Support
- 4 units of Unit IP Camera Support
- 8 units of Combo Sensor Integration
- Option to integrate with external devices (generator, air conditioner, UPS, etc...) using communication protocols such as RS-232, RS-485, and SNMP.

## Hardware Properties

### Internal Properties

- 8 units ExaBus port
- 1 unit Ethernet port
- 2 units USB port
- 1 unit RS-232 Connection Port

### External Sensors and Modules

Can be connected up to 124 sensors or modules mentioned below:

- UP-Guard 6010 Temperature & Humidity Sensor (High Sensitivity)
- UP-Guard 6011 Temperature & Humidity Sensor (Standard)
- UP-Guard 6020 Temperature Sensor (High Sensitivity)
- UP-Guard 6021 Temperature Sensor (Standard)
- UP-Guard 6030 Flood Sensor
  - UP-Guard 6031 Water Detect Cable (1 m)
  - UP-Guard 6035 Water Detect Cable (5 m)
- UP-Guard 6040 Threephase VF Module
- UP-Guard 6043 Threephase Energy Module
- UP-Guard 6060 LCD Module
- UP-Guard 6070 Expansion Module (8 units ExaBus Port)
- UP-Guard 6081 Dry Contact Module (1 unit Input)
- UP-Guard 6088 Dry Contact Module (8 units Input)
- UP-Guard 6080 Dry Contact Module (24 units Input)
- UP-Guard 6094 Relay Output Module (4 units output port - 5A)
- UP-Guard 6090 Relay Output Module (12 units output port - 0,5A)
- UP-Guard 6100 Alarm Signal Input Module
  - Signal Tower
  - Siren

- UP-Guard 6120 Integration Module (SNMP / RS-485 / RS-232 / ModBus)
- UP-Guard 6131 Analog Module (1 Port - 4-20 mA or 0-10V)
- UP-Guard 6130 Analog Module (24 Ports)
- UP-Guard 6160 Voice Calling Module
- UP-Guard 6170 Air Flow Module
- UP-Guard 6180 Air Quality Module
- UP-Guard 6200 Combo Sensor
  - Combo Sensor Properties
    - 1 unit Temperature & Humidity Sensor
    - 4 units Dry Contact Port
    - 2 units Relay Output Port
    - 1 unit Proximity Module Input Port
    - 1 unit Water Detect Cable Input
- UP-Guard 6210 Rack Type KGK (12V - 55W)
- GSM Modem
- 4 units IP Camera Integration

Detectors that can be connected to the dry contact input

- Smoke Detector
- Magnetic Contact (Door Open/Close Detection)
- PIR Detector (Motion Detection)
- Vibration Detector

## UPCOM Telekomünikasyon Bilişim Teknolojileri San. Ve Tic. LTD. ŞTİ.

Yenişehir Mah. Cumhuriyet Bulv. No 12-1 D.81 A Blok Kurtköy PENDİK Istanbul Turkey

Tel: +902163262626 Fax: +902163262626 info@upcom.com.tr - www.upcom.com.tr