FM GUARD

FACILITY MANAGEMENT CONTROLLER

PICOBOX

INTRODUCTION

Managing and constantly checking your facilities can be really tedious, making sure all your crucial equipment are working properly and no problem may arise anytime. Thus, a simple unnoticed problem may lead to loss of thousands or even millions of money. However, with a reliable monitoring system, losses can be minimized and preventive actions can be taken.

FM Guard is designed to solve your problem, a smart monitoring controller that provides 24/7 monitoring system which sends an update through SMS/Text or emails, anytime and anywhere.

SAMPLE APPLICATION

Monitors the status of various equipment

All notification status

Are sent via text and received by registered user

Can be view through remote monitoring in user network

Are sent via email and received by registered user

Are sent to the user database

FEATURES

- Has 240 x 160 graphical display with touchscreen that displays the current status of the I/Os.

- Embedded with firewall

- Penta band world wide UMTS/ HSPA engine

- With on board 2Ah Li-Ion battery and state of the art intelligent charging

- Alert notification via SMS and email

- With auto update function for firmware and system updates

- Remote ON/OFF via logic expression and SMS command

- With upto 500 event logs, First IN First OUT

- Supports data pushing to database

- With user friendly interface accessible using any web browser

- I/Os are expansionable using PICOBOX DAQ

- Supports SD card for data logging

TECHNICAL SPECIFICATION

Operating Voltage	24-36 VDC, 5W max consumption
Cellular Modem	GSM 850/900/1800/1900 MHz UMTS 900/1200 (3G), GSM 900/1800 (2G)
Operating Humidity	5-90% non-condensing
Operating Temperature	0-45 DegC
Dimension (L x W x H)	160.2 x 89 x 53.5mm
Weight	465g without accessories
Network Protocol	Transmission Control Protocol Internet Protocol Hyper Text Transfer Protocol Modbus Serial
No. of Digital Inputs	8
No. of Digital Outputs	8
No. of Analog Inputs	4

PHYSICAL LAYOUT

Front view

Left view

Top view

Back view

Right view

Bottom view