

# Remote *Videoalarm*

## VEPRO

- **EDGE/GSM or LAN Remote Alarm System**
- Built-in communication module
- **Wireless LAN connection**
- Up to **4 IP Videocameras** (Wi-Fi or LAN) management
- Up to **20 433MHz wireless sensors** management
- Pre and post alarm image management

Security

### DESCRIPTION

**VEPRO System** is the Digicom's innovative solution for the remote control and videoalarm.

A cutting edge solution of security projected and carried out by Digicom to build a wireless videoalarm system with EDGE, GPRS or LAN connectivity.

All the Vepro technology is mainly based on the concentrator, with **Gateway functions**, that is able to **monitor up to 4 IP videocameras** (via Wi-Fi or LAN) and **up to 20 intelligent sensors** (Smart series).

The concentrator is equipped with a **Class 10 EDGE/GPRS communication device** that allows the remote control of the installation status and to **send the alarms** to the headquarter.

The system is composed by **Wi-Fi IP videocameras** (IP Camera 300), by **wireless sensors** and by **backup systems** to guarantee the operation even when power is off.



The **433MHz wireless sensors** are continuously controlled by the concentrator that sends scheduled SMS and checks the battery charge. Each sensor is unique of its kind (as in high level alarm systems) and allows an exact identification of the alarm zone.

The **latest generation IP videocameras** can operate **by day and night** as they are equipped with a light sensor and an infrared led. Furthermore they can manage the **Duplex function** with a double flow of **images both in photo format (JPG)** and in streaming in **MPEG-4 format**. The videocamera can be supplied with a battery back-up device to guarantee the operation even when power is off.

Vepro constantly controls the presence of sensors and videocameras and in case of alarm (generated by sensors), it **captures the images** coming before and after the alarm and **sends them immediately** to the control center to analyse the situation.

Vepro can be used also as a **local videosurveillance system** together with a specific **storage unit** equipped with an hard-disk.

In this way **all the system can be remote viewed**, at any time, **through the EDGE connection or via LAN** (for example through the ADSL router).

The surveillance center can display on the PC the events that caused the alarm or verify the live situation.

If a broadband connection is available (ADSL, UMTS), also the remote listening will be possible through the microphone on the videocamera.

## TECHNICAL FEATURES

- Built-in Class 10 EDGE/GPRS communication device
- Built-in 54 Mbps Wi-Fi module
- Built-in 433 MHz receiver
- 1 input
- 1 output
- Management of I/O input for alarms and activations
- Mailing of Pre & Post alarm images
- Management of MJPEG images
- Images resolution: 640 x 480 pixel max
- Management of up to 4 Wi-Fi videocameras (54 Mbps)
- Management of up to 20 SMART sensors
- Anti-Tamper
- 10/100 4 ports switch
- Internal Back-up Battery
- Built-in sound buzzer

## SMART SENSOR

- 433 MHz Wireless sensor
- Wired magnetic REED
- Vertical TILT sensor
- Sensors status check (magnetic and TILT) every seconds
- Alive message every 30 seconds
- Unique sensor via MAC address
- Battery low indication
- Long-Life battery (more than 1 year)

