

IP Serial Concentrator

VEGA

- Serial Concentrator **via IP**
- **4** Serial ports
- 900-1800MHz GPRS Module
- **Antitamper** circuit

Comma6 & Comma6A

DESCRIPTION

Digicom's VEGA devices have been projected **to convert and transport** the data coming from RS232 serial ports **via IP**.

VEGA is the suitable solution **to send industrial information** even thanks to the common use of Internet joined with the large availability of accesses and to the low cost.

VEGA has **4 serial ports RS232C** with a maximum speed of 19200 bps. Optionally it is possible to install a wireless communication module at 434MHz. In this case it will be able to manage up to 100 remote devices.

Equipped with a powerful ARM9 microprocessor, **VEGA can concentrate the data and send them** through the Internet.

VEGA is available with 3 different communication modules:

- **PSTN Analog Modem** (56Kbps V.90 version or 33.6Kbps V.34+ version).
- 900-1800MHz Dual-band **GPRS Modem** (Class 2 or Class 10 version).
- **Built-in ADSL Router**

In the ADSL Router version it is possible to optionally install the PSTN or the GPRS modem as Back-up system.

In the **Wireless version** (GPRS modem and 434MHz local communication module) a particular care has been placed while carrying out the device to reduce the eventual interactions between the two wireless technologies (434/2.4GHz and 900/1800MHz).

All the operating modes, management and scheduling of the connections will be managed directly by VEGA depending on the set configurations.



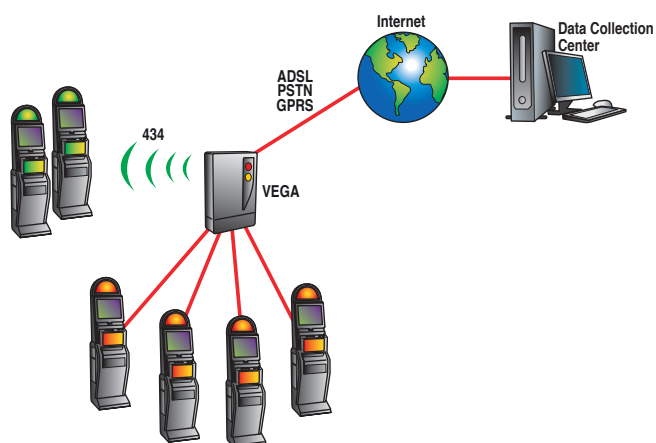
GEO - Tracking

Built-in module for the PDA geo-tracking with several functions:

- Positioning, movement and history
- Certification of Installation/Activation
- "Not authorized area/site" alarm

Two buttons are present on the front panel: **SOS** and **HELP**; one is used to activate a request for an on-site intervention, the other one the request for a call from the system assistance center.

Furthermore VEGA is equipped with a **security circuit** (Anti-tamper) that sends a message in case an attempt of intrusion is detected.



TECHNICAL FEATURES

- IP serial concentrator Comma6 and Comma6A
- 4 serial ports RS232C on RJ45 connector
- ARM9 high performance processor
- Led indicators: Power, Wireless, WAN
- SOS and Help membrane buttons
- Antitamper circuit
- Power: 12Vcc
- Max consumption: 8Watt
- CE Mark

GPRS Communication Module

- 900-1800MHz Dual-Band
- Data and SMS
- External antenna on SMA connector
- GPRS Class 10

PSTN Communication Module

- 56Kbps (V.90) module
- Line connector on RJ11
- CTR21 interface

ADSL Communication Module

- Built-in ADSL Router
- ADSL Standard: ANSI T1.413 Issue 2, ITU-T G.992.1 (G.dtm), ITU-T G.992.2 (G.Lite)
- Protocols: RFC2364 (PPPoA), RFC2516 (PPPoA), RFC1483 (Bridged and Routed Ethernet over ATM)

434MHz Wireless Module

- 434MHz (W versions) Master Radio Module
- Max. transmissive power: 10mW
- Half-Duplex operating mode
- Up to 100 Clients
- Max distance 40-50 m
- Data encryption support

Code	Description
8D5538	VEGA AS - Wan/ADSL, 4 serial ports RS232
8D5539	VEGA ASW - Wan/ADSL, 4 serial ports RS232, Wireless
8D5540	VEGA GS - Wan/GPRS, 4 serial ports RS232
8D5541	VEGA GSW - Wan/GPRS, 4 serial ports RS232, Wireless
8D5542	VEGA MW - Wireless Modem
8D5543	VEGA LS - Wan/LAN, 4 serial ports RS232
8D5542	VEGA LSW - Wan/LAN, 4 serial ports RS232, Wireless