

GenIP

Advanced Industrial Gateways



3G

EDGE

GPRS

GSM

Ethernet

Linux

RS232

RS485

USB

I/O

VPN

ModBus

AVL



Safe & Security



Telemetry

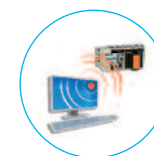




erco & gener

L'esprit Modem

GenIP

Advanced Industrial Gateways



GenIP Functions	GenIP 20i	GenIP 30i
		
Connectivity		
GSM / GPRS (MHz)	850 / 900 / 1800 / 1900	900 / 1800
EDGE (MHz)	N.A	900 / 1800
3G (UMTS & HSDPA) MHz	N.A	900 / 2100
Data rates max	GPRS class 10 / DL : 85.6 Kbps / UL : 42.8 Kbps	HSDPA / DL : 3.6 Mbps / UL : 384 Kbps
Antenna connector	SMA-F	SMA-F
Interface		
SIM Card	1	1
RS232 (Sub-D 9 F)	1	1
RS485 (Push-IN connector)	1	1
USB 2.0 Host	1	1
Ethernet 10/100 (RJ45)	1	1
Digital Inputs (Push-IN connector)	2	2
Digital Outputs (Push-IN connector)	2	2
Analog Inputs (Push-IN connector)	2 (Current or Voltage)	2 (Current or Voltage)
Analog Outputs (Push-IN connector)	2 (Current or Voltage)	2 (Current or Voltage)
LEDs	4	4
Hardware		
ARM9 - 400 MHz	✓	✓
Multi-level Watchdog	✓	✓
Power Supply		
External	9 Vdc to 54 Vdc	9 Vdc to 54 Vdc
Software		
Stack IP Linux	TCP / UDP / SMTP / POP3 / HTTP / HTTPS / FTP / SCP / NTP DynDNS / GnuDIP / SSH / APACHE server	TCP / UDP / SMTP / POP3 / HTTP / HTTPS / FTP / SCP / NTP DynDNS / GnuDIP / SSH / APACHE server
Easy Web administration (LAN / WAN)	Multi-language FR / UK	Multi-language FR / UK
Controlled access	Login / password / IP address / Email / Phone number	Login / password / IP address / Email / Phone number
VPN	PPP over SSL (point to point) / IPSec (IKE) (multi-point)	PPP over SSL (point to point) / IPSec (IKE) (multi-point)
Alarms Management	Email / SMS / GSM / GPRS	Email / SMS / GSM / GPRS to 3G
Voice message (MP3 File)	option	option
Scripts & Macro Commands (LAN / WAN)	✓	✓
Scheduler	✓	✓
Datalogger	✓	✓
Log files	✓	✓
ModBus TCP <-> RTU converter / Slave / Master	✓	✓
RS232 modem simulator	✓	✓
Others		
Temperature range	-20°C + 60°C	-20°C + 60°C
Protection Class	IP31	IP31
Dimensions (mm)	104 x 55 x 105	104 x 55 x 105
Weight (g)	430	430
Approvals	R&TTE, CE	R&TTE, CE
Tropicalization	option	option
Warranty	5 years	5 years