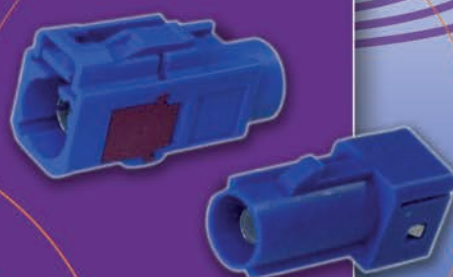


Antennas



Modules



Components

Systems



Accessories

**2011**  
Product catalogue

[www.giga-concept.fr](http://www.giga-concept.fr)

# About ...

# Giga concept

*Electronic components*



Giga-Concept, supplies manufacturers of wireless network and embedded mobile systems with electronic components and devices, connection technology solutions and the accessories for their products.

With over 15 years' expertise in electronic developments in the domains of radiofrequencies, customised coaxial connector technology, RFID and Frequency Control Products, Giga-Concept assists manufacturers in finding solutions to their specific problems in terms of wired or wireless connection technology, but also during the prototyping phase of their systems.

A direct and exclusive partner to many component suppliers, Giga-Concept offers manufacturers a very high level of reactivity without equal in the market for the identification of suppliers, the specification of components, the sampling and continuity of supply.

Its solutions are used by telecoms and wireless telephony operators, as well as by their contract manufacturers, in the automotive industry, medical equipment, logistics, aeronautic and defence market segments. Created in 2003, Giga-Concept employs 12 people and had a turnover of 4 millions in 2010.

## BATTERIES



### 9400H battery Rechargeable Lithium Ion Battery

Rating voltage (V)	3.7
Charging voltage (V)	4.20 ±0.05
Capacity (mAh)	1300
Protection circuit	Yes
Battery cycle life	400 cycles
NTC	10 KΩ +5@25 °C —B25/85=3500±3%
Size (mm)	54 x 36 x 6.4



### 9100 Battery Rechargeable Lithium Ion Battery

Rating voltage (V)	3.7
Charging voltage (V)	4.20 ±0.05
Capacity (mAh)	2600
Protection circuit	Yes
Battery cycle life	400 cycles
NTC	10 KΩ +5@25 °C —B25/85=3500±3%
Size (mm)	54 x 36 x 11.5



### GL5000 Rechargeable Lithium Ion polymer Battery

Rating voltage (V)	3.7
Charging voltage (V)	4.20 ±0.05
Capacity (mAh)	5000
Protection circuit	Yes
Battery cycle life	400 cycles
Electro static test	±8 KV on air
NTC	10 KΩ +5@25 °C —B25/85=3500±3%
Size (mm)	90 x 55 x 9



### GL10 Rechargeable Lithium Ion polymer Battery

Rating voltage (V)	3.7
Charging voltage (V)	4.20 ±0.05
Capacity (mAh)	10000
Protection circuit	Yes
Battery cycle life	400 cycles
Electro static test	±8 KV on air
NTC	10 KΩ +5@25 °C —B25/85=3500±3%
Size (mm)	90 x 55 x 18

# ACCESSORIES

## Speaker box

Impedance ( $\Omega$ )	4 to 8
Rated power (W)	3 (other upon request)
SPL (dB)	Up to 97
Cable length	Upon request
Connector	Upon request



## Microphone

Directivity	Uni & Omni directionnal
Sensitivity (dB)	-65 $\pm$ 5
S/N Ratio (dB)	> 40
Cable length	Upon request
Connector	Plug 3.5mm (other upon request)



## Switching adapter

Power (W)	From 2 to 20
Input voltage (V AC)	90 to 264
Frequency (Hz)	47 to 63
Output voltage (V DC)	Upon request
Cable & plug	Upon request
Certification	CE / FCC available



## Cigare adapter

Input voltage	12 to 24/3.0A
Output (V DC)	from 4.5 to 12
Cable type	Straight or coiled
Cable lenght	Upon request
Output connector	Jack 2.-3.5 mm / USB / Mini USB...
Certification	CE / FCC available



## Customized cable

Automotive cable	JST
Wire Harness	MOLEX (microfit-minifit) Molded
USB/RS232 data cable	SOURIAU
USB & computer cable	BINDER
Moulded cable	FISHER
	AMP
	...



## CAMERAS



<b>JANUS</b>		<b>DOUBLE CAMERA FOR FRONT &amp; REAR RECORDING</b>	
Informations		GPS DATA RECORDING	
		Video Stream recording on SDHC card with 3G (option)	
Size		65 x 140 x 30 mm	



<b>GC-770CM-K1</b>		<b>DOUBLE REAR VIEW CAMERA &amp; 7" LCD DISPLAY</b>	
Display		720 lines	
Grade		IP67 InfraRed LED	
Power Supply		12 V DC	
Size		75 x 43 x 57 mm	
Cables		2 X 20 m	



<b>GC-7014F-K2</b>		<b>QUAD CAMERA KIT</b>	
Display		480 X 234 RGB	
Power Supply		12 V DC	
Size		75 x 43 x 57 mm	
Cables		4 X 20 m	



<b>GC-513D-K1</b>		<b>5.6" LCD DISPLAY &amp; IR CAMERA</b>	
Display		320 X 234 RGB	
Grade		IP67 InfraRed LED	
Power Supply		12/24 V DC	
Size		75 x 43 x 57 mm	
Cable		1 X 20 m	



<b>M SERIE</b>		<b>THERMAL IMAGING CAMERA + LOW LIGHT CAMERA</b>	
Sensor type		640 x 480	
Focal length		35 mm	
Zoom		2X, 4X	
Detect man		740 m	
Detect small vessel		2 000 m	
Minimum illumination		100 micro lux	



<b>PATHFINDER</b>		<b>AUTOMOTIVE NIGHT VISION</b>	
Sensor type		324 X 256	
Focal length		19 mm	
Detect man		310 m	
Detect small object		880 m	
Supply voltage		6 to 16 V - power 2 watts / 6 watts with heater	

<b>GSM REPEATER</b>		<b>80 m2</b>
Frequency (MHz)	Up Link : 890 - 915 Down Link : 935 - 960	
Output Power (3rd>4rd)	UL 15 dB, DL 15 dB	
Gain	UL : 30 dB, DL 40 dB	
Spurious Emission Out-band (dBm)	≤-40	
Alimentation	AC 220V/AC 110V DC 10V	
Accessories	Cable : 9 m / wall fixation / N male connector	



<b>GSM REPEATER</b>		<b>300 m2</b>
Frequency (MHz)	Up Link : 890 - 915 Down Link : 935 - 960	
Output Power (3rd>4rd)	UL 15 dB, DL 15 dB	
Gain	UL : 50 dB, DL 60 dB	
Spurious Emission Out-band (dBm)	≤-40	
Alimentation	AC 220V/AC 110V DC 10V	
Accessories	Cable : 9 m / wall fixation / N male connector	



<b>GSM / 3G REPEATER</b>		<b>500 m2</b>
Frequency (MHz)	Up Link : 890 - 915 / 1920-1980 Down Link : 935 - 960 / 2110-2170	
Output Power (3rd>4rd)	UL 23 dB, DL 23 dB	
Gain	UL : 65 dB, DL 70 dB	
Spurious Emission Out-band (dBm)	≤-40	
Alimentation	AC 220V/AC 110V DC 10V	
Accessories	Cable : 9 m / wall fixation / N male connector	



<b>Globesurfer III – WIFI Routeur to EDGE / 3G</b>	
Frequency	GPRS / EDGE / UMTS - 3G
Wifi	<3
Speed	Up to 7.2 Mbps
Security	WEP / WPA / WPA2





**Giga**  **concept**  
*Electronic components*

Z.I. Fontaine de Jouvence - 4, rue Angiboust - 91460 Marcoussis - France

Tél. : +33 (0)1 69 63 34 34 - Fax : +33 (0)1 64 49 89 78

[www.giga-concept.fr](http://www.giga-concept.fr) - [contact@giga-concept.fr](mailto:contact@giga-concept.fr)