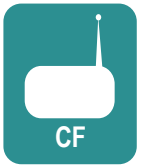


# IRIS CF



## IRIS System

A typical IRIS system consists of a group of IRIS units arranged in a tree structure connected to each other by radio.

The top unit is the concentrator in the system and the connection to end-user via, e.g. a serial interface, a web-module or a GSM-module. The other units in the system are connected to various electronic equipments via I/O and serial interface or acts as repeaters to enable communication over longer distances.

IRIS units can, besides being a part of a radio network, work in pairs and work as standalone units.



## IRIS CF

The IRIS-CF is a module that's makes it possible for the user to communicate with an IRIS system using a PDA.

The module is mounted in the compact flash slot in the PDA and communicates with the PDA using the compact flash interface.

IRIS-CF is a mobile solution for monitoring and controlling systems. It's easy to customize software to create an interface between the user and the different units in a system for sending commands and present and log data.

The IRIS-CF can be used to collect data from different systems that are physically separated.

Like all other IRIS models the IRIS-CF has timers, counters and flags and can create and send messages.



## Technical data:

### Radio:

Frequency	433.050 – 434.775 MHz; 439.700 – 439.975 MHz
Power	10 mW
Sensitivity	-112dBm
Modulation type	FSK
Bit rate	4800 Bits/s
Range	> 1 km (in line of sight)

### Communication:

IRIS-CF - PDA Interface	Standard COM Port
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### Power supply:

Voltage	Internal PDA power supply (3.3 V)
Power consumption	40 mA @ 3 VDC (transmitting)
Maximal power consumption	50 mA @ 3 VDC

### Miscellaneous:

Size	42x51 mm (Standard Compact Flash Type II)
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**For more information:** [www.irisnetwork.se](http://www.irisnetwork.se), [info@irisnetwork.se](mailto:info@irisnetwork.se)