

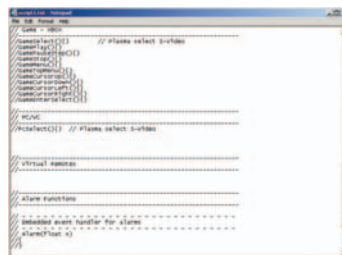
Call **0870 201 1512**

**Universal AV Gateway Controller**

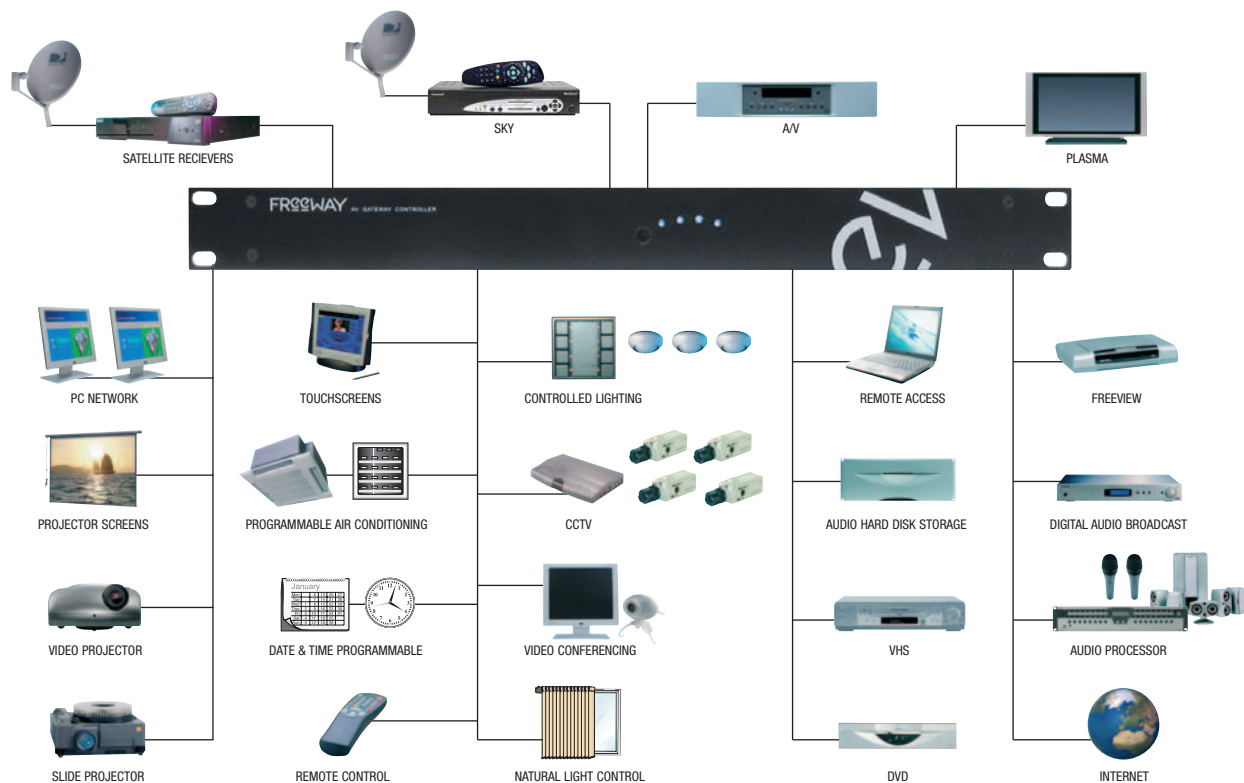


### Key Features

- 6 x RS232 Ports
- 3 x RS485/RS422 Ports
- 1 x RJ45 Ethernet Port
- 6 x Digital Logic I/O Ports
- 4 x IR Matrix, 1 x IR receiver
- 1 x EIB
- Integral Web Server, FTP & Telnet Interface
- Powerful Macro Language
- Embedded Compiler



The FreeWay is a sophisticated and highly versatile AV device controller, used for AV processors, projectors and projection screens, plasmas, DVD and CD players, power sequencing and many other applications. Fully internet accessible, the FreeWay is programmed using the powerful **FreeScript** macro language.



**Others process, we control.**

Housed in a 1U rack-mount casing, the FreeWay is a matrix of I/O control ports. It has its own integral web server, FTP and Telnet interface which provides the user with remote and local network access from anywhere in the world.

In its core application the FreeWay is a programmable I/O controller. Any I/O port (IR, serial, EIB, logic, TCP/IP) can be matrixed to any other port. An IR command for example can initiate a complex series of instructions to be directed to any other output port. A

powerful macro language provides all the control needed.

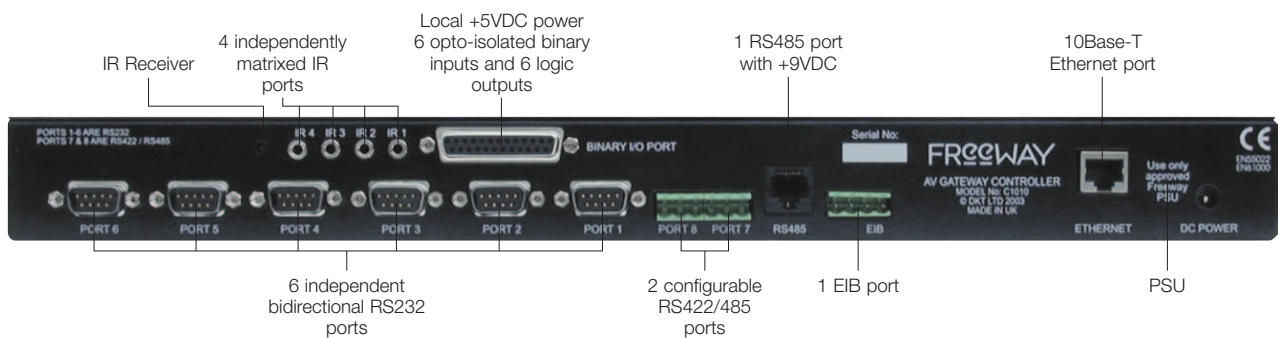
Programming the FreeWay uses no more than a simple text editor. The FreeWay has its own internal compiler that converts a FreeScript text file into runtime code. FreeScript provides a genuinely 'open' interface for users to quickly create, modify and upload complex scripted applications in minutes.

A user can remotely update, query and program single or multiple FreeWay

devices, all interacting with each other in one operation.

FreeWay is the ultimate tool to control all known equipment such as lighting systems, Home Theatre equipment, heating systems, security equipment, show control devices, broadcast equipment even industrial and process control equipment.

**FreeWay is the modern solution to an age old control problem.**



- 6 x RS232
- 3 x RS485/RS422
- 1 x RJ45 Ethernet port
- 6 x digital logic I/O ports
- 4 x IR matrix & 2 IR receivers
- 1 x EIB
- Integral web server, FTP & Telnet interface
- Powerful script & macro language
- Embedded compiler

## Massive flexibility Miniscule learning Maximum control

- Alarm commands from the built-in real time clock
- Serial commands from 3rd party equipment
- Commands via European Installation Bus
- Commands & script updates via user webpage
- Commands via IR
- Commands via TCP/IP & Telnet
- Commands via Binary I/O

### The FreeScript language

- Simple macro language
- Timed events and timed macros
- Simple if, else constructs
- Boolean operations

### Ideal for

- Process and control automation
- Buildings management systems
- Lighting systems manufacturers
- The printing industry
- Remote location engineering
- AV applications
- Show Control Applications

### Freeway Technical Specification

Type	Universal AV Gateway Controller
Size	(H) 44 x (w) 482 x (D) 123 mm (fits standard 1U 19" rack)
Weight	1.4 Kg (unpacked) not including PSU, 3.1 Kg (packed)
Rear Panel	1 x Ethernet : RJ45 modular connection in standard 10Base-T pinout.
	6 x RS232 : 9-way D-type male connectors
	3 x RS485 : 1 port is an RJ45 connector with 9VDC and the remaining 2 ports are 3 way connectors, the latter 2 ports can be wired together to create a single 4-wire RS422 port
	1 x EIB : EIB standard connector directly into EIB BIM (option)
	4 x IR : 3.5mm mini-jack (option) & IR receiver
Front Panel	4 X Red LED's : Multi-purpose user-programmable LEDs & 1 x IR receiver (optional)
Power Reqs	9VDC (500 mA).

