

# Access Controller FB-10



*Take control of your communications*

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## What is the Access Controller FB-10?

The Livewire Connections Access Controller FB-10 is the next step in taking true control of your vessel communications. Whether you run a merchant ship or a luxury yacht, the Access Controller can save you both time and money. It currently comes in 3 versions with the PRO and Rack Mount offering an increased amount of connectivity.

## Easy to use

Yes that's right, you can harness this powerful controller without the need for training courses. Its simple and user friendly interface makes switching connections, applying firewall rules and managing data and duration counters, extremely quick and easy. Everything you need to be able to control your networks data access is available in this single, cleanly designed user interface.



## Extensive Service Support

The Access Controller FB-10 supports an unparalleled range of services and most noticeably was the first product of its kind to support Fleet 77 ISDN. The Access Controller is designed to support future services, a simple upgrade to the latest firmware version will enable control of new equipment upon their release.

## User Level Restrictions

With different user access and authorisation levels you can ensure only specific people can activate specific services, change the active firewall policy or configure any of the other powerful features contained within the Access Controller.

## Convenient

The Access Controller is enclosed in a robust metal case. Its ergonomic, fanless design lets you locate it almost anywhere\*. The Access Controller FB-10 comes complete with low profile mounting brackets making it easy to place in a wide range of locations.



Front view of the small, robust FB-10 designed to fit seamlessly into your existing IT setup.

## Connectivity

With most ships and vessels using multiple data connections for different solutions and in various locations around the world, fitting an Access Controller helps you effortlessly select the most suitable service at a click. The Access Controller FB-10 comes with 2 serial ports and 2 WAN ports. The PRO and Rack Mount versions however boasts an extensive 7 WAN ports and 1 Serial Port. Both include 1 ISDN port and 2 USB ports which can be used to increase the number of interfaces when used with approved hardware.

## Fully Dynamic Firewalling & Port Forwarding

This is what makes the Access Controller unique. Create a user group and assign rules allowing or blocking access to the internet, then at a click of button the rule can be applied or lifted at anytime. In addition a rule can be set to only apply when connected to a specific internet service such as a Fleet 77 ISDN connection. When switching service the firewall automatically reloads the applicable rules without any user interaction resulting in a very easy to use interface, which can help prevent costly accidental or unauthorised use.

The Access Controller FB-10 comes with Port Forwarding as standard giving you the ability to access your vessel's network globally. This is crucial for many modern vessels where outside contractors or IT Departments require access to critical systems and their data. This can provide access to engine management, entertainment systems or other IT networks. Like the firewall, rules can be configured on a service specific basis and change dynamically.



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Above: Rear of the Access Controller FB-10 showing various connectivity options.

Below: Rear of the Access Controller FB-10 PRO and Rack Mount extensive connectivity



## Remote Support

Installing the Livewire Access Controller FB-10 is not only a great way to manage your data service connections. It also opens up a host of support options. You can enable "Remote GUI" which allows a technician remote access to troubleshoot your Access Controller or another problem on board.

In addition there is a "Remote WAN to WAN" option that you can enable. This option allows a technician to investigate problems you may have on a terminal attached to the Access Controller. For example if your VSAT develops a fault a technician can, with your permission, troubleshoot over a different connection such as your Fleet Broadband service.

The Access Controller also enables the remote use of Seatel's DacRemP software. Simply connect a serial cable between the FB-10 and DAC and enable "DAC Access".

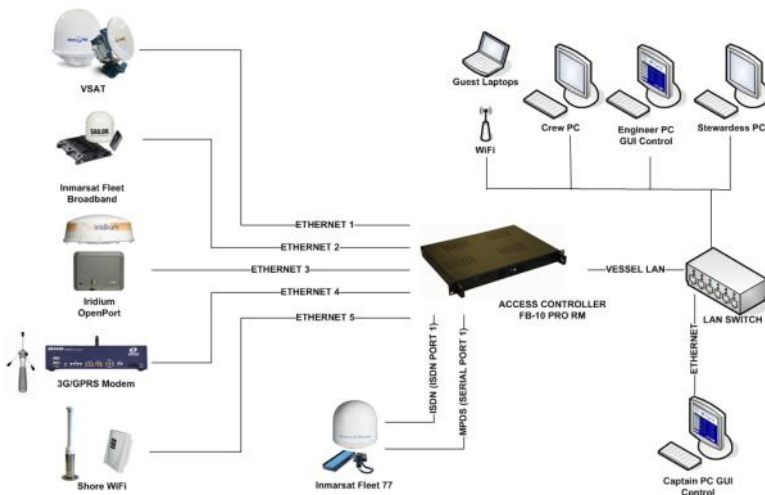
## Static Routes

The Access Controller is designed to be installed in both simple and complex networks. The FB-10 can be configured for static routes allowing the use of internal VLANs which help to reduce network congestion from broadcast traffic.

## And Lots More...

Including:

- DHCP Server with MAC Address Reservations
- Call Logging with call charge calculator
- Dial-on-Demand
- DC Power Option
- Multiple Language Support



A typical network setup using the Livewire Access Controller FB-10

## Technical Specifications

	Access Controller FB-10	Access Controller FB10 PRO and Rack Mount
Interfaces	Service Interfaces: 2x RJ45 WAN 1x Euro ISDN, 2x Serial RS232 Networking Interface: 1x RJ45 LAN (To Connect to Existing Network)	Service Interfaces: 7x RJ45 WAN 1x Euro ISDN, 1x Serial RS232 Networking Interface: 1x RJ45 LAN (To Connect to Existing Network)
	Both Access Controllers have 2 USB ports which can be used to increase connectivity via certified USB devices or a network switch.	
Dimensions	275 x 172 x 60mm (W x D x H)	<b>PRO:</b> 300 x 200 x 80 mm <b>1U Rack Mount:</b> 486 x 319 x 44mm (W x D x H)
Weight	2.4 Kg	<b>PRO:</b> 3.6Kg <b>1U Rack Mount:</b> 5.0Kg
Power Supply	Input: AC 100 ~ 240V (50/60Hz) Output: 12V DC, 60W	Input: AC 100 ~ 240V (50/60Hz) Output: 12V DC
Approvals	FCC Part 15, Subpart B, Class B ICES-003, CSA C108.8 Class B EN55022, 1998 Class B EN61000-3-3: 1995 + A1: 2001 EN55024: 1998 + A1: 2001 89/336/EEC, Amended by 92/31/EEC, 93/68/EEC, and 98/13/EEC	

\* It is recommended that the Access Controller is located in a place where there is adequate ventilation and air flow

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### Local Dealer Stamp

Access Controller Dealer for the US:

Alan Spicer Marine Telecom

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