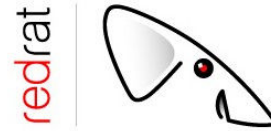


The irNetBox-II Pro

- Product Specification



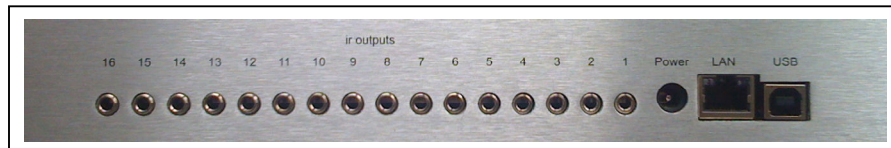
Based on infrared remote control expertise gained over many years with the RedRat2 and RedRat3, the irNetBox-II Pro is designed for the professional market, including:

- Professional audio-visual installers.
- Show, theatre and display automation systems.
- Automated transmission monitoring equipment.
- QA and test systems for STB and other consumer electronics.



Hardware Specification and Features

- 19 inch 1U rack mountable case. Depth of 94mm.
- Can be controlled via 10/100 Base-T Ethernet or USB (firmware change needed).
- 16 IR output sockets – 3.5mm jack sockets for “stick-on” IR emitters (not included in price).
- IR outputs switchable individually or in any combination.
- All output support LOW, MEDIUM and HIGH output power options.
- Learning IR detector for recording remote control signals from original remote.
- 7V to 9V DC input, drawing around 250mA in operation. Power supply provided.



LAN Control

Designed primarily as a network device, it can be configured to use DHCP or given a static IP address. IR input/output functionality is controlled via TCP/IP, the details of which will be open so can be supported on any platform. Only one computer can control the irNetBox-II at a time, preventing any potential interference when in use.

USB Control

Drivers and an SDK are provided for Microsoft Windows, XP, Vista and Windows 7, both 32-bit (x86) and 64-bit (x64).

RedRat Software

For Microsoft Windows, the full RedRat SDK is available, making porting of applications from the RedRat3 to the irNetBox straightforward. It has both .NET and COM interfaces, and the features include IR signal database storage and management, device discovery and naming, simple APIs for signal input and output routing. Additional software applications support IR signal macros, scheduled events and much more.

Third Party Software

For use in advanced testing environments, third party software is available from Mirifice Ltd (www.mirifice.com) and Silicon & Software Systems Ltd (www.s3group.com).

For further information, please contact RedRat Ltd. at info@redrat.co.uk.

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