



yellobrik®

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Quick Reference

Mounting Position

The RFR1000-1 19" mounting brackets can be repositioned to either have a flush or recessed mounting position of the RFR 1000-1.



Flush Mounting Position



Recessed Mounting Position

Optional Power Supply

The optional RPS 1000-1 power supply is a modular solution which can be used to provide primary and redundant power for the RFR 1000-1 1RU Rack Chassis. (qty 2 are used for redundant applications)

The supply provides regulated 12VDC @ 10A max, which is enough power for any combination of yellobriks.



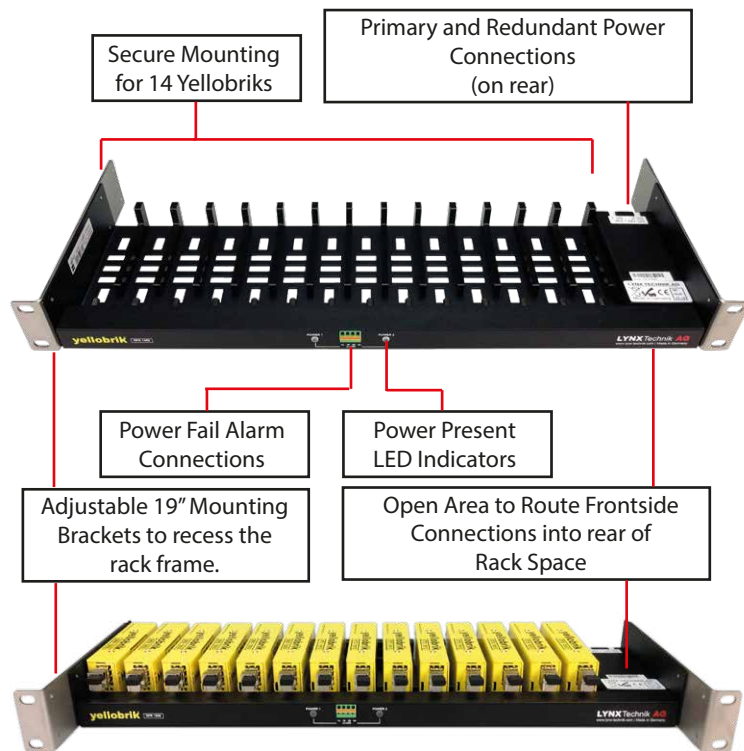
Power Supply
RPS 1000-1

We are constantly adding additional yellobrik modules. Please visit our website for the latest product updates.

www.lynx-technik.com

RFR 1000-1

Yellobrik 1 RU Rack Frame



RFR 1000-1 Chassis with 14 Fiber yellobriks installed (not supplied)

Mounting

The rack chassis is designed to fit into any standard 19" equipment rack enclosure. If used with the low profile fiber yellobriks 1RU of rack space is needed, if a taller yellobrik is to be accommodated then 3RU of space will be required.

Chassis Use

Any yellobrik can be mounted into the chassis and secured firmly in place with the mechanical mounting brackets provided. Power is taken from the central power bus which plugs into the module. A space is reserved on the right hand side to allow front side connection to pass into the rear of the equipment rack for cable routing. Bracket use is shown below:



Insert module into rack. Partially screw one of the supplied brackets into the mounting hole (where shown). Position the bracket to clamp the module into place and then tighten.

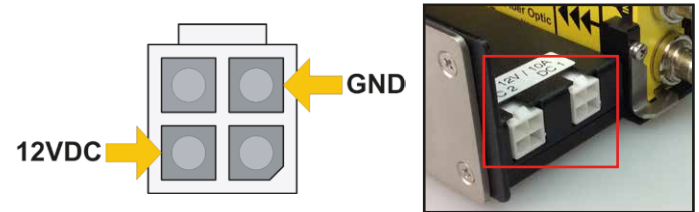
Module Power

The chassis has an integrated central power bus, with a connector provided for each of the 14 slots.



External Power Connections

The chassis is equipped with two external power connectors, one for primary power and a second for redundant power (if needed). The connectors are located on the rear of the chassis. If supplying your own power use a Molex MiniFit Series 5557 connector. Power should be 12VDC and between 5A and 10A should be available to accommodate a full compliment of yellobriks. Connector wiring is shown below (view is looking INTO the power connector on the chassis, and wiring for the primary and redundant connectors is identical).



Power Alarms

The chassis is equipped with external alarm GPO connections on the front of the rack, as well as power present LED indication. In the event of a supply failure the transition to the redundant backup is seamless, and will trigger an external alarm GPO which can be connected to an external alarm system. In the event of a power failure a contact closure is provided across the connections shown below:

