

LAYER 3 ROUTING WITH RAM-6021

SIMPLIFY & SECURE YOUR NETWORK



ROUTING BETWEEN SUBNETS

- ▲ Maintain clean separation within a network by defining logical boundaries between different functions without significant re-cabling costs
- ▲ Reduce the amount of broadcast traffic being sent to the entire network



STATEFUL FIREWALL

- ▲ Enable secure remote access
- ▲ Allow or block traffic based on state, port, or protocol
- ▲ Monitor all activity from the opening of a connection until it is closed



LAYER 3 ROUTER

Simplify & Secure Your Network
Rugged & Reliable Performance



NETWORK ADDRESS TRANSLATION (NAT)

- ▲ Create easily manageable, repeatable programs that can be used across cells or factories without the need for additional costly PLC network interfaces
- ▲ Simplify system backup, and add a layer of network security with NAT



VIRTUAL PRIVATE NETWORK (VPN)

- ▲ Red Lion routers are secure by default – unique password per unit when shipped
- ▲ Supports 2,048-bit encryption; by comparison, banks typically use 128-bit encryption for web transactions

RUGGED & RELIABLE PERFORMANCE

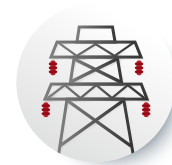
SAFE TO DEPLOY IN REMOTE AREAS AND HARSH ENVIRONMENTS



-40 TO 75° C
OPERATING
TEMPERATURE



VIBRATION: 15 G
MEETS IEC60068-2-27



SHOCK: 0.7 G FROM
13.2-100 HZ
MEETS IEC60068-2-6



UL CLASS 1, DIV. 2,
GROUPS A,B,C & D

ADDITIONAL UPTIME CONSIDERATIONS

BENEFITS OF USING FIBER:

- ▲ Noise immunity
- ▲ Surge immunity
- ▲ Increased data transmission distance



MEDIA CONVERSION
1002MC Media Converter

BENEFITS OF POE/POE+:

- ▲ Eliminate the need for separate power cabling
- ▲ Reduce wiring and installation costs
- ▲ Powered devices no longer have to be located near power outlets



POE/POE+
1000-POE+ Power Injector

BENEFITS OF IP67 RATING AND M12 CONNECTORS:

- ▲ Mount directly in cell/plant
- ▲ Lower total system cost by reducing custom panel requirements
- ▲ Simplify access, installation & maintenance



IP67 RATING WITH M12 CONNECTORS
NT24k-16M12 Gigabit Managed Switch