

# eSAM ▶▶▶▶▶▶▶▶▶▶

The eSAM is Industrial 3G Ethernet router complimenting our widely used SAM series of GSM / GPRS & 3G modems.

The eSAM is easy to operate, just plug into power and the eSAM will connect to the mobile operator's high-speed wireless network.

The eSAM provides auto-sensing, which is an Auto Uplink 10/100 LAN Ethernet port that can connect directly to a computer, wireless router or switch, without the need for crossover cables.



## Applications

High Speed Internet Access  
Wireless CCTV Application  
Telematics Applications  
Kiosk / POS  
Backup Communication Channel

### Routing

DHCP Server  
DNS Proxy  
NAT  
Port Forwarding

### LED Indicators

Power  
3G Activity  
LAN Activity  
Internet Connection

### Power Consumption

Input Voltage Range – 9V to 30V  
Standby Current – 140mA @ 12V  
In-Use Current – 600mA @ 9V max.

### Protocols and Standards

Complies with the following standards: IPv4, TCP, UDP, DHCP, IEEE 802.2, IEEE 802.3, ICMP, HTTP

### Physical Interfaces

LAN Port: One 10/100 Mbps Auto-sensing Auto-MDI-X, RJ-45 Port  
WAN: Embedded HSPA Module for Wireless WAN  
SIM: Slot for SIM Module

### Hardware Specifications

Memory: 32MB Flash, 32MB DRAM  
TriBand UMTS (HSPA) - 850/1900/2100 MHz  
QuadBand GSM / GPRS / EDGE - 850/900/1800/1900 MHz  
2 dBi External Whip Antenna  
Power Requirements: 12VDC, 1.0A RoHS Compliant

### Environment Specifications

Operating Temperature: -30C to 55C  
Storage Temperature: -40C to 85C  
Operating Relative Humidity: <90% non-condensing

### Physical Specifications

Dimensions: 78.5 x 70.3 x 29.5mm  
Weight: 125gsm

### Approvals

ACMA A-Tick  
ROHS



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