

HUSKY™

2G/3G/4G Router

HUSKY 2G/3G/4G Router from Synergy Systems and Solutions is a router device that can enable any Ethernet device to communicate with a central location over 2G/3G/4G networks. Built using the proven technology of RTU 6049-E70, the router offers a customized and cost-efficient solution for remote data collection applications. The router features an embedded 32-bit microprocessor and a real-time operating system that provide the computing power to effectively meet the requirements of establishing a VPN with the control center. The VPN is a transparent channel which can be used to exchange any kind of TCP/UDP traffic on both the directions. The end devices and the control center communicate using private, static IP addresses, over a public, dynamic IP network.

The router offers a 4-port switched Ethernet 10/100Mbps interface allowing up to four devices to be connected to the router. In addition, the router supports establishment of two independent VPNs with two different control centers. This allows the end devices, typically RTUs, to communicate with more than one control center. An optional RS232 / RS485 serial port allows connectivity of serial devices also. The VPNs can be optionally encrypted using SSL/TLS protocol.

The router supports dual SIM operation, offering cold switch-over of wireless networks. This allows use of different service providers to achieve better link availability.

32 Bit Fan-less Microprocessor

4 nos. Switched 10/100 Ethernet Ports

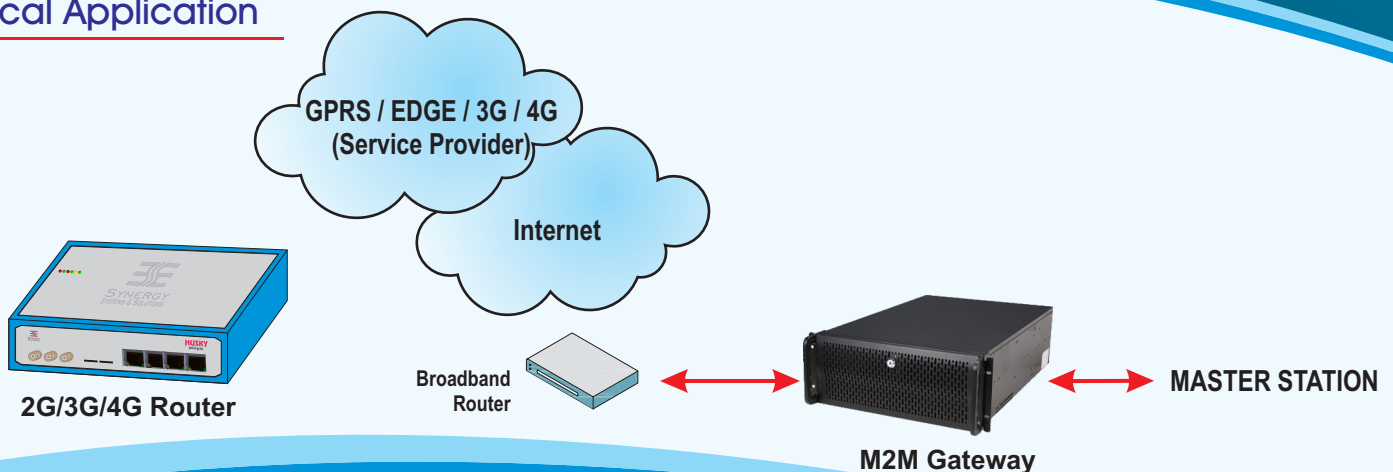
1 no. RS232 / RS485 Serial Port

Built-in 2G / 3G / 4G Modem

Dual SIM option

Status Indications

Typical Application



Technical Specifications

Ethernet	4x10/100 Mbps Switched Ethernet
Ethernet Interface	RJ 45
Serial Interface	1xRS232 / RS485 (2 wire / 4 wire)
VPN Support	SSL-Encrypted VPNs (up to 2 VPNs)
RF Modem	2G / 3G / 4G Radio Modem
Power Consumption	20W Max. (@24VDC)
Operating Temp.	0-70°C
Relative Humidity	95% Non-condensing
Dimensions	200mm x 150mm x 100mm

Ordering Information

RTR6049-4G	Router with 4G modem
RTR6049-3G	Router with 3G modem
RTR6049-2G	Router with 2G modem

Operating Bands

LTE FDD	B1/B3/B5/B7/B8/B20
WCDMA	B1/B5/B8
GSM	B3/B8
SMS	Point to point MO and MT
Antenna	SMA Female Connector
	8dBi Antenna with 3m cable
SIM	Dual Micro-SIM slot (push-push type)



Synergy Systems & Solutions

A - 1526, Green Fields Colony, Faridabad, Haryana - 121 010, India

Ph.: +91-129-2510501-2-3 :: Fax: +91-129-2510399 :: Email : sales@s3india.com :: Web: www.s3india.com