

Operational Description of the equipment

54Mbps MSI MS-624, based on the cutting-edge IEEE 802.11g wireless draft specifications, is a high quality and reliable Internet routing and security devices combining firewall, VPN Pass-through (Virtual Private Network), and network management support for home and the small office segment.

PRODUCT	Wireless 11g Residential Gateway
MODEL NO.	MS-6824
POWER SUPPLY	DC 5V, 2A from an external power adapter: Brand: APD Model No.: WA-10E05U I/P: 100V-240V~50-60Hz, 0.3A MAX. 24VA-31VA O/P: 5V, 2A Unshielded power cable (1.5m)
FREQUENCY BAND	2400~2483.5MHz
CARRIER FREQUENCY	CH1: 2412MHz ~ CH11: 2462MHz
NUMBER OF CHANNEL	11
CHANNEL SPACING	5MHz
RATED RF OUTPUT POWER	17dBm
I.F. & L.O.	I.F.: 374MHz, L.O.:2038~2088MHz
MODULATION TYPE	DBPSK/DQPSK/CCK/OFDM(64QAM, 16QAM)
BIT RATE OF TRANSMISSION	1/2/5.5/11/54Mbps Auto Fall-back
ANTENNA TYPE	2 External Dipole Antenna
ANTENNA GAIN	2dBi