



# SkyGate®



## Hardware Platform

<b>Processor:</b>	Motorola MC68302 @ 25MHz
<b>Memory:</b>	512 KBytes FLASH (1Mbyte max.) 512 KBytes battery backed SRAM (2MBytes max.)
<b>Real-Time Clock:</b>	Battery backed
<b>Network Interfaces:</b>	
<b>Wireless:</b>	Motorola DataTAC (4k/5k/6k), CDPD, Mobitex, GSM/GPRS, PCS, Cellular 900 MHz/2.4GHz band FHSS/DSSS
<b>Landline Modem:</b>	PSTN simulator with Bell 103/212A and CCITT V22/V.22bis Sync/Async Line Modem, V.34 Async Modem, RS-232, V.24, V.35, Ethernet (10/100 Base T), ISDN D/B, Frame Relay, Token Ring, AppleTalk, Powerline Carrier and CAN.
<b>Power Supply:</b>	External AC/DC adapter, 120/240 V @ 50/60 Hz input, 12V 1.5A output, UL approved

## Software Platform

<b>Operating System:</b>	Proprietary real-time multithreading OS
<b>Software Architecture:</b>	Open virtual communication framework, Object/Component oriented distributed system, Free threading component apartments, Virtual Gateway™ methodology
<b>Network Protocols:</b>	SDLC/HDLC NRM primary/secondary, HDLC LAPB/LAPD/LAPM, Ethernet, Token Ring, Apple Talk, ISDN D/B, Frame Relay, SLIP/CSLIP, PPP/MLPPP, VISA I/II, derivative protocols optional, SNA, X.25, X.28, X.29, Internet protocol suite, Wireless Transport Protocol™NCL/DataTAC messaging, MASK/MPAK, CEBus protocol stack, ModBus and CAN.
<b>Network Management:</b>	Proprietary remote network management agent with standard and extended MIBs provides complete remote setup, configuration, real-time analysis and diagnostics, as well as firmware updates over any of the available interfaces/protocols.

## Physical Characteristics

	<b>Rack Mount Case</b>	<b>Wall Mount/Desktop Case</b>
<b>Dimensions:</b>	254mm W x 203mm L x 57mm H (10'' W x 8'' L x 2.25'' H)	102mm W x 203mm L x 51mm H (4'' W x 8'' L x 2'' H)
<b>Weight:</b>	1.1 kg (2.4 lb)	0.7kg (1.6 lb)
<b>Operating Temperature:</b>	0C - 50C (32F - 122 F)	
<b>Storage Temperature:</b>	0C - 50C (32F - 122 F)	
<b>Humidity:</b>	15% - 95% non-condensing	
<b>Manufacturing Standards:</b>	ISO 9000, 9001, 9002	