

ModMax

MM-6280IND -Next G Industrial Modem

TECHNOLOGY COMPARISON BETWEEN MM5100 AND MM- 6280IND



TECHNOLOGY	MM-5100	MM-6280IND
CDMA 1X	✓	✗
NEXT G™ - (3.6 Mbps)	✗	✓
PACKET SWITCHED AVE. USER SPEED	80-110 Kbps	550-1500 Kbps
PACKET SWITCHED PEAK NETWORK SPEED	153 Kbps	3.6 Mbps
FREQUENCY BANDS	800 MHz	850/2100 MHz
RECEIVE DIVERSITY	✗	✓
EQUALIZATION	✗	✓
USIM(REQUIRES A SIM CARD)	✗	✓

FEATURES		
IN-BUILT TCP/IP STACK	✗	✓
2-WAY CIRCUIT SWITCHED DATA	✓	✓
2-WAY SMS	✓	✓
VOICE	✓	✗
FAX SUPPORT	✓	✗
EXTENDED AT COMMAND SET	✓	✓
SIM APPLICATION TOOLKIT SUPPORT	✗	✓
REMOTE RSSI (VIA SMS) READOUT SUPPORT	✓	✓
REMOTE INPUT VOLTAGE (VIA SMS) READOUT SUPPORT	✓	✓
SMS RESET	✗	✓
LED'S OFF/ON CONTROL	10	5
RS232 TRANSCEIVER POWER DOWN CONTROL	✓	✓
USB POWER ON	✓	✓






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INTERFACES	MM-5100	MM-6280IND
USB	1.1	2.0
UART / SERIAL INTERFACE		
RS232 SERIAL CONNECTOR (HD15)	✓	✓
2 DIGITAL INPUTS (HD15 CONNECTOR)	x	✓
ANTENNA CONNECTION	1 SMA CONNECTOR	1 PRIMARY 1 RECEIVE DIVERSITY

PHYSICAL		
DIMENSIONS IN [MM]	110x 61.5 x 25MM	110 x 70 x 21MM
WEIGHT	110g	130g

OPERATION		
TEMPERATURE	-20°C - +60°C	-20°C - +60°C
VOLTAGE (MOLEX CONNECTOR) USB POWERED	6v - 36V DC	9 - 36V DC
POWER CONSUMPTION	10mA in standby mode <600 mA	10mA in standby mode < 650 mA @ 9 V

OPERATING SYSTEM SUPPORT	 Windows Vista	 Windows XP	 Windows 2000	 Mac	 LINUX
MM-5100	x	✓	✓	x	x
MM-6280IND	✓	✓	✓	✓	✓