








Embedded Modules Y-Lynx			
PNs		Frequency/Size	Key Features
YLX-TRM8053-500-05DIT Long range Module Fast Synchronization-05		868MHz-870MHz 74.7x29.1x6.5mm	Drop-in radio modem, 868-870Mhz, 500mW Embedded Long range module, 500mW, +27dBm, with controller with the embedded Y-Lynx radio communication protocol; 141dB link budget for range <u>over 40 kilometers (at 4.8kbps)</u> . 152.3kbit/s maximum RF data rate, 25mA receive and 650mA transmit current consumption. Comes with MMCX connector AND trace to any antenna option. Serial/SPI interface and fully compatible with the 25mW module; ETSI Certified; Available!
YLX-TRM8053-025-05DIT Medium Range Module Fast synchronization-05		868MHz-870MHz 56.5x23.5x6.5	Drop-in socket radio modem, 868-870Mhz, 25mW. Embedded Medium range module, 25mW, +14 dBm, with controller with the embedded Y-Lynx radio communication protocol; 128dB link budget for range over 1 kilometer. 152.3kbit/s maximum RF data rate, 25mA receive and 60mA transmit current consumption. Comes with MMCX connector AND trace for any antenna option. Serial/SPI interface and fully compatible with the 500mW module ETSI Certified. Available!
YLX-TRM8053-010-02DIT Short Range Module Ultra Low Power-02		868MHz-870MHz 35x16mm	Drop-in socket radio modem, 868-870Mhz, 10mW. Embedded Short Range, Ultra Low Power module, 10mW, +10 dBm, with controller with the embedded Y-Lynx radio communication protocol optimized for low power and repeater capability; range up to 1 kilometer. 9.16-25kbps maximum RF data rate, 4mA receive and 25mA transmit current consumption. Comes with antenna trace for any antenna option. Serial/SPI interface; voltage down to 2.1V ETSI Certification pending; Samples Available!
SWG-RS232-500 Gateway		868MHz-870MHz 112x110x35mm 300gr	The Smart Wireless Gateway SWG-RS232-500 is the ultimate machine to machine wireless communication. The Y-Lynx wireless gateway transfers a serial data stream (RS232) to one or more nodes through a 500mW Radio Frequency signal at 868MHz band and is able to cover distances greater than 20 kilometers(at 19.2kbps). Compact and robust, it is ideal for industrial applications Fully compatible with the 500mW embedded module. Easy to install. Serial/SPI. SMA with ½ wave dipole antenna. ETSI Certified. Available!
RMSK-TRM8053-500-05 RMSK-TRM8053-025-05 RMSK-TRM8053-010-02		Development Kit	Universal Development Kit for 10mW, 25mW and 500mW. When using more than one module family, order extra modules separately



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