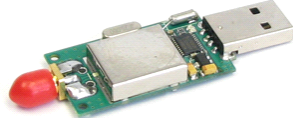
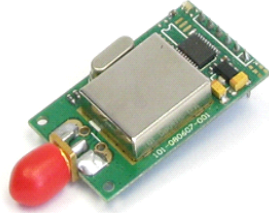
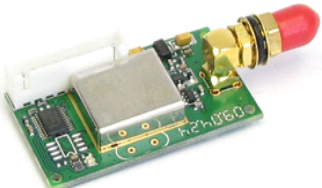
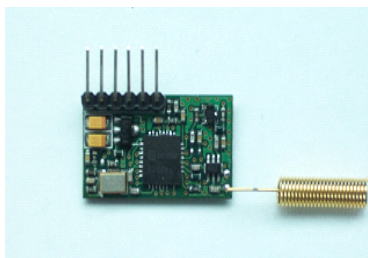
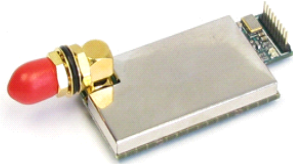
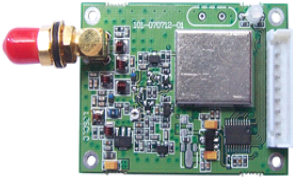



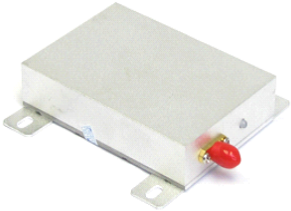
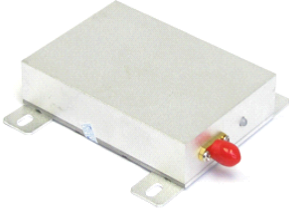


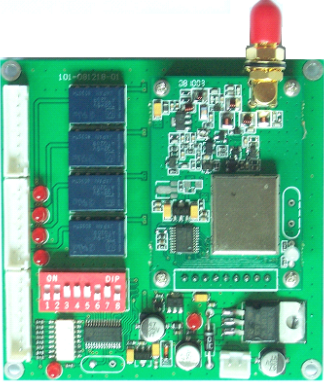
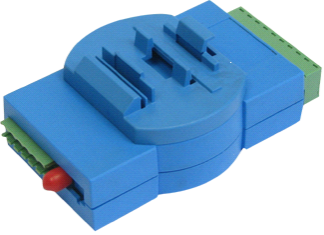
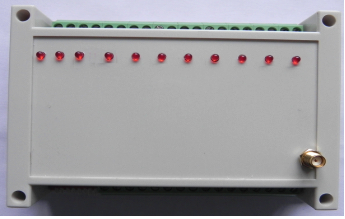


KYL Wireless RF Module Products Catalogue

Item No.	Name	Photo	Key Features
KYL-220	RF Transceiver Module		Power supply: DC 5.5V or 3.1V(customization); RF power: ≤50mW(customization) Receive current: <20mA Transmitting current: <40mA Sleep current: <20uA Interface: USB Distance: About 100m Size: 40mm*24mm*6mm (without antenna port)
KYL-210	Short Ranges Transmitter Module		Power supply: DC 5.5V or 3.1V(customization); RF power: ≤50mW(customization) Receive current: <20mA(TTL connect) Transmitting current: <40mA Sleep current: <20uA Interface: RS232, RS485 or TTL Distance:200m(BER=10-5@9600bps) ; 400m(BER=10-5@1200bps) Size: 40mm*24mm*6mm (without antenna port)
KYL-200U	Wireless RF Module		Power supply: DC 5V or 3.3V(customization); RF power: 10mW (10mW-100mW) Receive current: <20mA(TTL connect) Transmitting current: <40mA Sleep current: <20uA Interface: RS232, RS485, TTL, USB selectable Distance: 600m(BER=10-5@9600bps) ; 1000m(BER=10-5@1200bps) Size:47mm*26mm*10mm(without antenna port)
KYL-500S	Smart RF Module		Power supply: DC 5V or 3.3V(customization); RF power: ≤10mW(customization) Receive current: <20mA Transmitting current: <40mA Sleep current: <20uA Interface: TTL Distance: 600m(BER=10-5@9600bps) ; 1000m(BER=10-5@1200bps) Size:28mm×15mm×10mm (without antenna port)

<p>KYL-500L</p>	<p>Wireless Dish-ordering Modules</p>		<p>Power supply: DC 3.3-3.6V(customize) RF power: 400mW(customize) Receive current: <25mA(TTL connect) Transmitting current: <200mA Sleep current: <1uA Distance: 1.5km(BER=10-5@9600bps) ; 2km(BER=10-5@1200bps) Interface: TTL Size:49mm*23mm*10mm(without antenna port)</p>
<p>KYL-200L</p>	<p>Low power wireless transceiver module</p>		<p>Power supply: DC 5V(customization) RF power: ≤500mW(customization) Receive current: <25mA(TTL connect) Transmitting current: <300mA Sleep current: <20uA Distance:2km(BER=10-5@9600bps) ; 3km(BER=10-5@1200bps) Interface: RS232, RS485, TTL, USB selectable Size:53mm*38mm*10mm(without antenna port)</p>
<p>KYL-300I</p>	<p>Ultra wireless data transceiver module</p>		<p>Power supply: DC 5V(customization) RF power: ≤500mW(customization) Receive current: <28Ma(TTL connect) Transmitting current: <350mA Sleep current: <20uA Distance: 2km(BER=10-5@9600bps) 3km(BER=10-5@1200bps) Interface: RS232, RS485, TTL, USB selectable Size:80mm*45mm*20mm(without antenna port)</p>
<p>KYL-300M</p>	<p>High Speed Data Radio Modem</p>		<p>Power supply: DC 5V(customization) RF power: 2W Receive current: <30mA(TTL connect) Transmitting current: <1.5A Sleep current: <20uA Distance: 5km/7km(BER=10-5@9600/1200bps) Interface: RS232, RS485, TTL, USB selectable Size:80mm*45mm*19mm(without antenna port)</p>

KYL-300L	Ultra wireless transceiver data module		<p>Power supply: DC 5V(customization) RF power: $\leq 500\text{mW}$(customization) Receiving current: $< 28\text{mA}$(TTL connect) Transmitting current: $< 350\text{mA}$ Sleep current: $< 20\mu\text{A}$ Distance: 3Km(BER=10-3@1200bps) 2km(BER=10-3@9600bps) Interface: RS232,RS485,TTL,USB selectable Size:80mm*45mm*19mm(without antenna port)</p>
KYL-300H	Long Range Wireless Transceiver		<p>Power supply: DC 12V ($\pm 10\%$) ; RF power: $\leq 5\text{W}$ (customization); Receive current: $< 30\text{mA}$(TTL connect) Transmitting current: $< 1.5\text{A}$ Sleep current: $< 1\text{mA}$ Distance: 8km(BER=10-5@9600bps) ; 10km(BER=10-5@1200bps) Baud rate: 1200~19200bps Interface: RS232, RS485, TTL,USB seletable Size:85mm*58mm*16mm(without antenna port)</p>
KYL-600H	VHF Audio and Data Radio Modem		<p>Operating Voltage: 12V Transmit data or voice Carrier Frequency: VHF/UHF Baud Rate: 1200/2400bps Selectable RF power: 5W(customization) Transmitting current: $\leq 1.5\text{A}$ Antenna connector: SMA Transmission distance can reach 10Km</p>
KYL-600L	Audio and Data Module		<p>Operating Voltage: DC 5V or 12V Carrier Frequency: VHF/UHF RF power: $\leq 500\text{mW}$(1W, 2W) Transmitting current: $\leq 450\text{mA}$ Receiving sensibility: $\leq -119\text{dBm}$(more than 12dB SINAD) Adjacent channel selectivity: $\geq 70\text{dB}$ Inter-modulation rejection: $\geq 70\text{dB}$ Clutter and images rejection: $\geq 65\text{dB}$ Audio distortion: $\leq 3\%$ Receive current: $\leq 30\text{mA}$</p>

<p>KYL-668</p>	<p>Audio and data Transmission Radio</p>		<p>RF power: 25W Operating Voltage: DC 12V Receive current: \leq 160mA Transmitting current: \leq 6 A (RF Power 25W) Carrier Frequency: 150/230/450 MHz Interface: RS-232/RS-485/TTL Selectable Baud Rate: 1200bps, 2400bps Transfer distance: 20km Size: 144×180×50mm (without antenna port)</p>
<p>KYL-812</p>	<p>4-Way I/O Module</p>		<p>4-way input with light separated, high reliability and stability. 4-way relay ON-OFF output. 4 way output with 5V power supply. Collocate with wireless data transmission module with 2-3km, installing and using conveniently. Power supply: DC 9-15v Size: 82mm*82mm</p>
<p>KYL-813</p>	<p>Wireless ON-OFF Transmission Modules</p>		<p>2 way input, high reliability and stability. 2-way relay ON-OFF output, easy to use. Wireless ON-OFF real-time transmitting. Power supply: DC 9-15v Size: 82mm*40mm Distance: about 2km-3km</p>
<p>KYL-818</p>	<p>8-Way Wireless I/O Module</p>		<p>8-way isolated input, high reliability and stability. 8-way relay dry contact output, contact current is 220V, 5A. Collocated with a 2km-3km RF module inside; Receiving current: 60mA; Transmitting current: 350mA Power supply: DC 12V-30V Dimension: 145mm*90mm*40mm</p>

<p>KYL-816</p>	<p>Analog Acquisition Module</p>	 <p>The image shows a grey rectangular module with a small antenna on top. It has the KYL logo and the text 'KYL-806 无线测控设备' and '科易达通讯设备有限公司' printed on it.</p>	<p>Analog: two channels 0-5V voltage input and two channels 0-5V voltage output Power supply: 12-14V, providing protection for power supply in reverse There are power monitor circuit and watch dog circuit for the CPU to ensure the module can operate at adverse circumstances. With indicator light of power supply, operation, data receiving and transmitting. Can work by Modbus RTU protocol.</p>
<p>KYL-868</p>	<p>VHF/UHF Car Radio</p>	 <p>The image shows a black car radio with a speaker grille and a coiled microphone cord. The display shows 'CH 99'.</p>	<p>Frequency Range: VHF: 136-174 MHz UHF: 400-440 MHz;440-480 MHz Channel spacing: 12.5K/25K RF Power Output: 5W/10W/25W Channel Capacity : 99 CTCSS/CDCSS, Voice Commander Data Transmission (customized)</p>
<p>KYL-808</p>	<p>GPS Portable Tracker</p>	 <p>The image shows a black, oval-shaped portable GPS tracker with a small display screen.</p>	<p>Band: 900/1800/1900Mhz or 850/900/1800/1900Mhz Wall charger: 110—220V input, 5V output Battery: Chargeable changeable 3.7V 1100mAh Li-ion battery Standby: 72hours Operation Temp: -20°C to +55°C Humidity: 5%--95% non-condensing</p>
<p>KYL-809</p>	<p>GPS Vehicle Tracker</p>	 <p>The image shows a blue, rectangular GPS vehicle tracker with a textured surface and several connectors on the side.</p>	<p>Positioning and Tracking Cars by SMS Emergency Alarm, Power Off Alarm Movement Alert, Over Speed Alert Geo-fence function Restart the vehicle by SMS.</p>