







Item No.	Name	Photo	Key Features
KYL-200U	Micro power wireless transceiver module		Power output: 5V DC (customize) RF power: 10mW (customized 10mW to 100mW) Frequency band: 433, 450, 470, 868, 915MHz Interface: standard RS-232/RS-485/TTL Receive current: 20mA (TTL connect) Transmitting current: <40mA Sleep current: 20uA RF line-of-sight range: 600m (BER=10-5@9600bps) 1,000m (BER=10-5 @ 1,200bps) Size: 47 x 26 x 10mm (without antenna port)
KYL-U20U	Micro power USB Transceiver		Power output: 5V DC (customize) RF power: 10mW (customized 10mW to 100mW) Frequency band: 433, 450, 470, 868, 915MHz Interface: USB Receive current: 20mA (TTL connect) Transmitting current: <40mA Sleep current: 20uA RF line-of-sight range: 600m (BER=10-5@9600bps) 1,000m (BER=10-5 @ 1,200bps) Size: 68 x 43 x 18mm (without antenna port)
KYL-200L	Low power wireless transceiver RF module		Power output: DC 5V (customize) RF power: 500mW (customized 500mW~1W) Frequency band: 433 MHz, 450MHz, 470MHz Interface: standard RS-232/RS-485/TTL Receive current: less than 28mA (TTL connect) Transmitting current: 400mA Sleep current: less than 20uA RF line-of-sight range: 2km (BER=10-5@9,600bps); 3km (BER=10-5@1,200bps) Size: 53 x 38 x 10mm (without antenna port)
KYL-U20L	Low Power USB Trasceiver		Power output: DC 5V (customize) RF power: 500mW (customized 500mW~1W) Frequency band: 433 MHz, 450MHz, 470MHz Interface: USB Receive current: less than 28mA (TTL connect) Transmitting current: 400mA Sleep current: less than 20uA RF line-of-sight range: 2km (BER=10-5@9,600bps); 3km (BER=10-5@1,200bps) Size: 68 x 43 x 18mm (without antenna port)
KYL-210	High speed rate transceiver data module		Power supply: DC5. 5V or 3.1V Power output: 50mW(10mW-50mW customize) Receive current: 20mA Transmitting current: 40mA Sleep current: 20uA Communication connects: RS-232/RS-485/TTL Baud rate: 1200/2400/4800/9600/19200/38400/100kbps RF line-of-sight Range: 200m-400m Size: 40 x 24 x 6mm (without antenna port)
KYL-220	Wireless USB data module		RF power: 10mW Operating voltage: 5 V Receive current: <20mA Transmitting current: <25mA Sleep current: <20uA Carrier frequency: 433MHz (400MHz-470MHz) Communication connects: USB Baud rate: 1,200/2,400/4,800/9,600/1, 9200/38,400/100kbps RF line-of-sight range: more than 100m Size: 40 x 24 x 6mm (without antenna port)






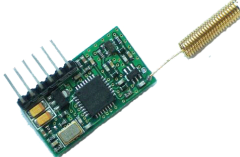


## Shenzhen KYL Communication Equipment Co., Ltd

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Contact: Susan Lu , E-mail: sales01@rf-data.com

### KYL RF Modules Catalogue

Item No.	Name	Photo	Key Features
KYL-300H	5W data radio modem		RF power: $\leq 5W$ Power supply: DC 12V ( $\pm 10\%$ ) Modulation mode: GFSK/FSK Interface data rate: 1,200/2,400/4,800/9,600/19,200bps selectable Transmitting current: 1.5A Receive current: 30mA (TTL connect) sleeping current: 1mA Working temperature: $-40^{\circ}C \sim +80^{\circ}C$ ( industrial) RF LOS range: 8km (BER=10-5@9,600bps) 10km (BER=10-5@1200bps) Size: 85 x 58 x 16mm (without antenna port)
KYL-300I	Ultra wireless transceiver data module		Power supply: DC 5V(customization) RF power: $\leq 500mW$ (customization) Receive current: $<28mA$ (TTL connect) Transmitting current: $<350mA$ Sleep current: $<20\mu A$ RF Line-of-sight Range: 2km(BER=10-5@9600bps) 3km(BER=10-5@1200bps) Size: 80mm*45mm*20mm (without antenna port)
KYL-300L	Ultra wireless transceiver data module		Power supply: DC 5V(customization) RF power: $\leq 500mW$ (customization) Receiving current: $<28mA$ (TTL connect) Transmitting current: $<350mA$ Sleep current: $<20\mu A$ RF Line-of-sight Range: 3Km(BER=10-3@1200bps) 2km(BER=10-3@9600bps) Size: 80mm*45mm*19mm (without antenna port)
KYL-300M	2W Wireless Data Radio module		Power supply: DC 5V(customization) RF power: $\leq 2W$ (customization) Receive current: $<30mA$ (TTL connect) Transmitting current: $<1.5A$ Sleep current: $<20\mu A$ RF Line-of-sight Range: 5km(BER=10-5@9600) 7km(BER=10-5@1200bps) Size: 80mm*45mm*19mm (without antenna port)
KYL-500L	Wireless Dish Ordering modules		Working frequency: 433MHz(400 to 470MHz) Power supply: 5V DC(default) RF power: 400mW Interface: TTL Receive current: $<25mA$ (TTL connect) Transmitting current: about 300mA Sleep current: $<1\mu A$ RF LOS range: 1.5km (BER=10-5@9600) 2km (BER=10-5@1200) Size: 49 x 23 x 10mm (without antenna port)
KYL-500S	Mini Size wireless transceiver		Power supply: 5V DC RF power: 50mW Baud rate: 1,200/2,400/4,800/9,600/19,200bps Interface: TTL Receive current: $<20mA$ (TTL connect) Transmitting current: $<40mA$ Sleep current: 30uA Distance: 600m (BER = 10-5 at 9,600bps) 1000m (BER = 10-5 at 1,200bps) Size: 28 x 15 x 10mm (without antenna port)





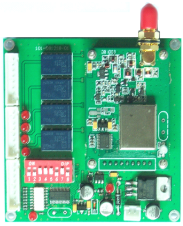
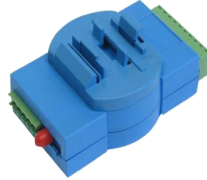


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### KYL RF Modules Catalogue

Item No.	Name	Photo	Key Features
<b>KYL-600H</b>	5w VHF/UHF Audio/Data Modem		Operating Voltage: 12V Carrier Frequency: VHF/UHF Baud Rate: 1200/2400bps Selectable RF power: 5W(customization) Transmitting current: ≤1.5A antenna connect: SMA Transmission distance: 10Km Data transmission and voice transmission
<b>KYL-600L</b>	Wireless VHF Audio Module		* Operating Voltage: 12V/5V * Carrier Frequency: 150MHz, 230MHz * Communication connects: RS-232/RS-485/TTL * RF power: 500mW or 1W * Transmitting current: ≤450mA * Receiving sensibility: ≤-119dBm(more than 12dB SINAD) * Adjacent channel selectivity: ≥70dB * Intermodulation rejection: ≥70dB * Receiving current: ≤ 30mA * Baud Rate: 1200bps, 2400bps Transmission distance: 2-3 Km
<b>KYL-600M</b>	2W VHF Audio Modem		* Operating Voltage: 5V * Carrier Frequency: 150MHz, 230MHz... * Communication connects: RS-232/RS-485/TTL * RF power: 2W * Transmitting current: ≤450mA * Receiving sensibility: ≤-119dBm(more than 12dB SINAD) * Adjacent channel selectivity: ≥70dB * Intermodulation rejection: ≥70dB * Audio distortion: ≤3% * Receiving current: ≤ 30mA * Baud rate: 1200bps, 2400bps
<b>KYL-668</b>	VHF Audio/Radio Modem		* RF power: 25W * Operating Voltage: DC 12V * Receive current: ≤ 160mA * Transmitting current: ≤ 6 A (RF Power 25W) * Carrier Frequency: 150/230/450 MHz * Communication connects: RS-232/RS-485/USB/TTL optional * Baud Rate: 1200~2400bps * Transfer distance: 20km * Size: 144×180×50mm
<b>KYL-812</b>	4-way Wireless I/O Module		*4 way input with light separated, high reliability and stability. *4 way relay ON-OFF output. *4 way output with 5V power supply. *Collocate wireless data transmission module with 2-3km, installing and using conveniently. *Power supply: DC 9-15v *Size: 82mm*82mm
<b>KYL-813</b>	2-way Wireless ON-OFF module		* 2-way inputs, high reliability and stability. * 2-way output, contact current is 30V 1A. * collocate wireless data module with 2-3km. * RF power: 500mW; * Receiving current: 30mA; * transmitting current: 300mA * Power supply: DC 12V * The parameters of the relay inside


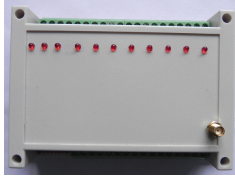


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### KYL RF Modules Catalogue

Item No.	Name	Photo	Key Features
KYL-816	Analog Acquisition Module		<ul style="list-style-type: none"><li>*Analog: two channels 0-5V voltage input and two channels 0-5V voltage output</li><li>*Power supply: 12-14V, providing protection for power supply in reverse</li><li>*Power monitor circuit and watch dog circuit for the CPU</li><li>*With the indicator light for power supply, operation, data receiving and transmitting .</li><li>*Can work by Modbus RTU protocol.</li></ul>
KYL-818	8-way Wireless I/O Module		<ul style="list-style-type: none"><li>8-way isolated input, high reliability and stability.</li><li>8-way relay dry contact output, contact current is 220V, 5A.</li><li>Collocated with a 2km-3km RF module inside;</li><li>Receiving current: 60mA;</li><li>Transmitting current: 350mA</li><li>Power supply: DC 12V-30V</li><li>Dimension: 145mm*90mm*40mm</li></ul>

KYL 's modules are widely used for Wireless Data Collection, Remote Control, Wireless alarm and security systems, Intelligent Traffics, Industry Automation, Smart Telemetry and many other M2M applications.

As a professional manufacturer, we commit to provide cost-effective products and the most sincere service. For all our products, a standard one-year warranty is provided and online technical support is also available. Moreover, we always try our best to meet clients' OEM&ODM requirement.

***Fast delivery !!!High quality !!!Good service !!!-----KYL promise you***