The RK150-01 wind speed display controller gives a visual indication of real-time wind speed , with a LED digital display. In its housing shell, build in a microprocessor with the function of high performance, low power consumption. The wind speed early warn value and alarm value can be set by buttons on the panel. When alarming, the signal output can be controlled by relay. RK150-01 is the companion to our RK100-01 wind speed sensor.

FEATURES

- Easy operation
- Visual display
- Real-time monitoring
- Rapid response
- Low power consumption
- With self-checking function
- 2 relays correspond to early warning and alarm

APPLICATIONS

- Weather monitoring stations
- Safety monitoring of high altitude equipment
- Ports
- Solar and wind power generation
- Mobile weather monitoring vehicles
- Marine vessels
- Remote airports & helipads
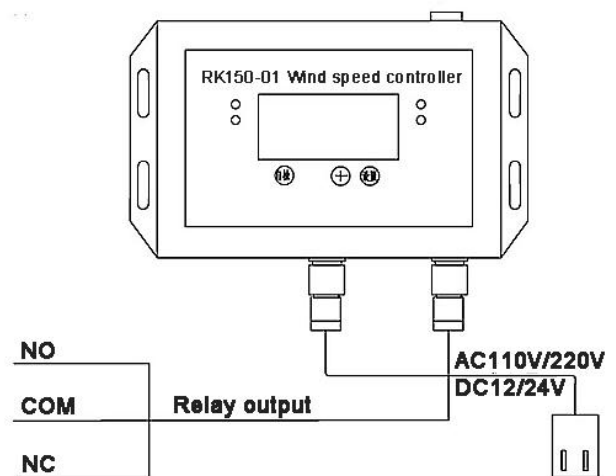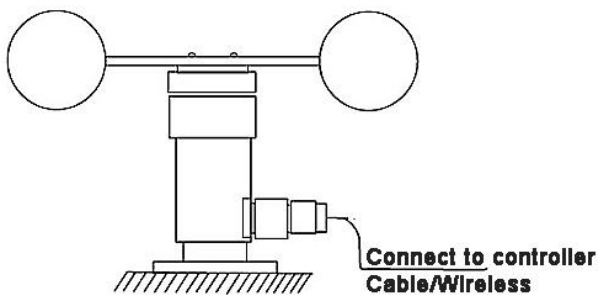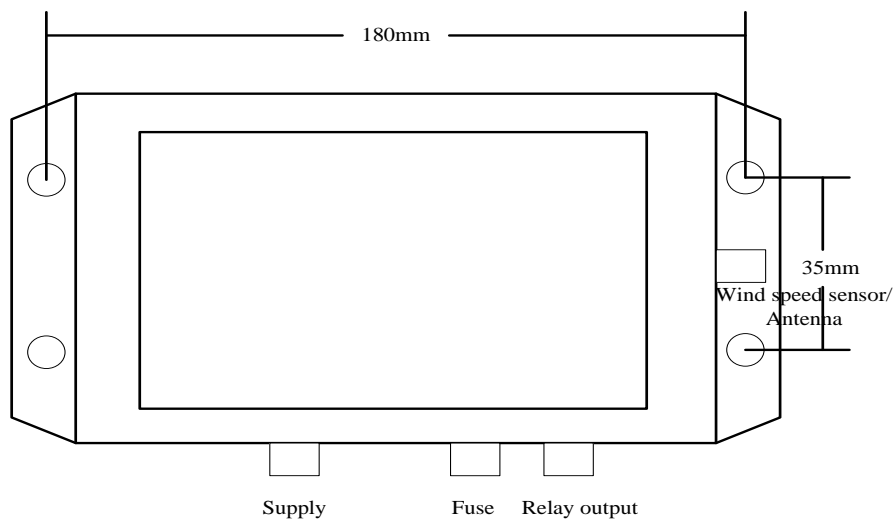- Road & rail tunnels

SPECIFICATIONS

Items	Specification	
Range	0-60m/s	0-216km/h
Resolution(display)	0.1m/s	0.1km/h(<100km/h) 1km/h(≥100km/h)
Accuracy(sensor)	±1m/s	
Alarm response time	<100mS	
Type of alarm	Sound and light alarm	
Contact capacity	5A@30VDC	
Early warning	Any value within 0 m/s ~39 m/s, the early warning value must be lower than the alarm value	Any value within 0km/h ~99km/h, the early warning value must be lower than the alarm value
Alarm	Any value within 1 m/s~40 m/s	Any value within 1km/h ~144km/h
Operating Temperature	-30℃-+70℃	
Power supply	AC100-240V/DC12V/DC24V	
Power consumption	With wire:<3W(sensor & controller)	
	Wireless:sensor: 0.25W,controller: 2.5W	

Ingress Protection	Controller:IP54,wind speed sensor:IP65
Weight(unpacked)	Controller:315g,wind speed sensor:240g
Main material	Controller:ABS,wind speed sensor:Aluminum alloy & 304SS
Storage Condition	10℃-50℃@20%-90%RH

MOUNTING

Four ø4.5mm mounting pole

Supply   Fuse   Relay output

Connect to controller
Cable/Wireless

RK150-01 Wind speed controller

NO

COM   Relay output

NC

AC110V/220V
DC12/24V

WIRELESS(433MHZ) CONNECTION

PARAMETER SELECTION TABLE

Remark	Series	Type	Range	Supply	Unit	Cable Length	
RK							
	150						
		01					
			A				
			B				0-60m/s(0-216km/h)
				A			100-240VAC
				B			24VDC
				X			Other
					M		m/s
					K		km/h
						L0	Wireless(effective distance:1000m)
						L15000	Units:mm(typ)
						L30000	Units:mm
						L50000	Units:mm
						...	Units:mm

Example: RK150-01BAML15000　Range: 0-60m/s, Supply:100-240VAC, Unit: m/s, Cable Length:15m.

CE Complies with applicable CE directives.
Specifications subject to change without notice. Version 3.0
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