

RK400-03 Automatic Rainfall Station is used to measure and record the rainfall information. The display can show the real time rainfall value, with time & date. Large-capacity FLASH memory chips can automatically store at least one year of meteorological data. The data logger is equipped with two types of communication interfaces (RS232 / RS485) which establish communication with the computer. Meteorological weather data can be further processed and analyzed by the data logger. The station can be equipped with RK400-01 or RK400-04 rainfall sensor.

## FEATURES

- Friendly man-machine interface
- High accuracy
- Large capacity memory
- RS232/RS485 interface optional



## APPLICATIONS

- Meteorology
- Agriculture and forestry
- Environmental protection
- Marine
- Airports, ports
- Scientific research

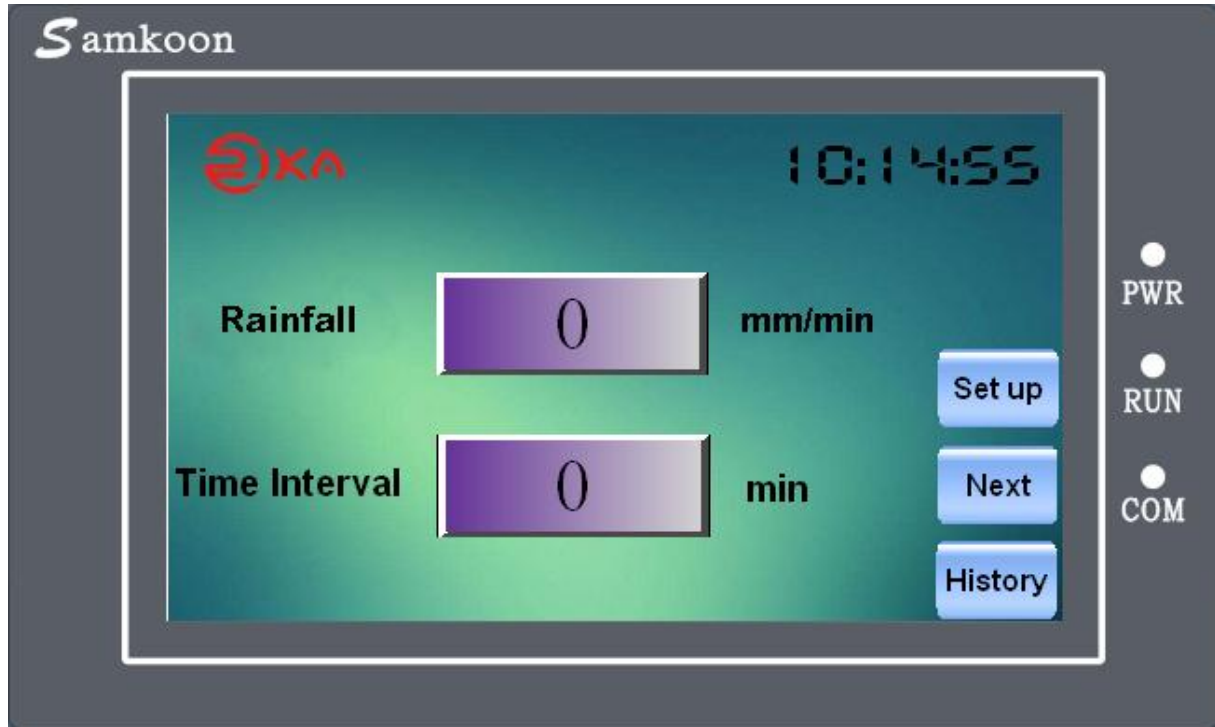
## SPECIFICATIONS

Items	Specification
Power supply	12VDC (adapter AC110V-AC220V), solar power, optional
Measured rainfall intensity	Max: 4mm/min
Resolution	0.1mm,0.2mm,0.5mm,1mm optional
Accuracy	$< \pm 4\%$
Display	4.3" color touch screen
Storage capacity	65000 pieces of data can be stored.
Inter-record gap	1min-240min adjustable
Communication interface <sup>①</sup>	RS232 or RS485(customized)
Operating temperature	-40°C~+75°C@5%-95%RH
Install accessories	Tripod, data logger shelter, cable optional
Dimension	Data logger :4.3"
Relay and alarm output	Customized alarm and relay control output

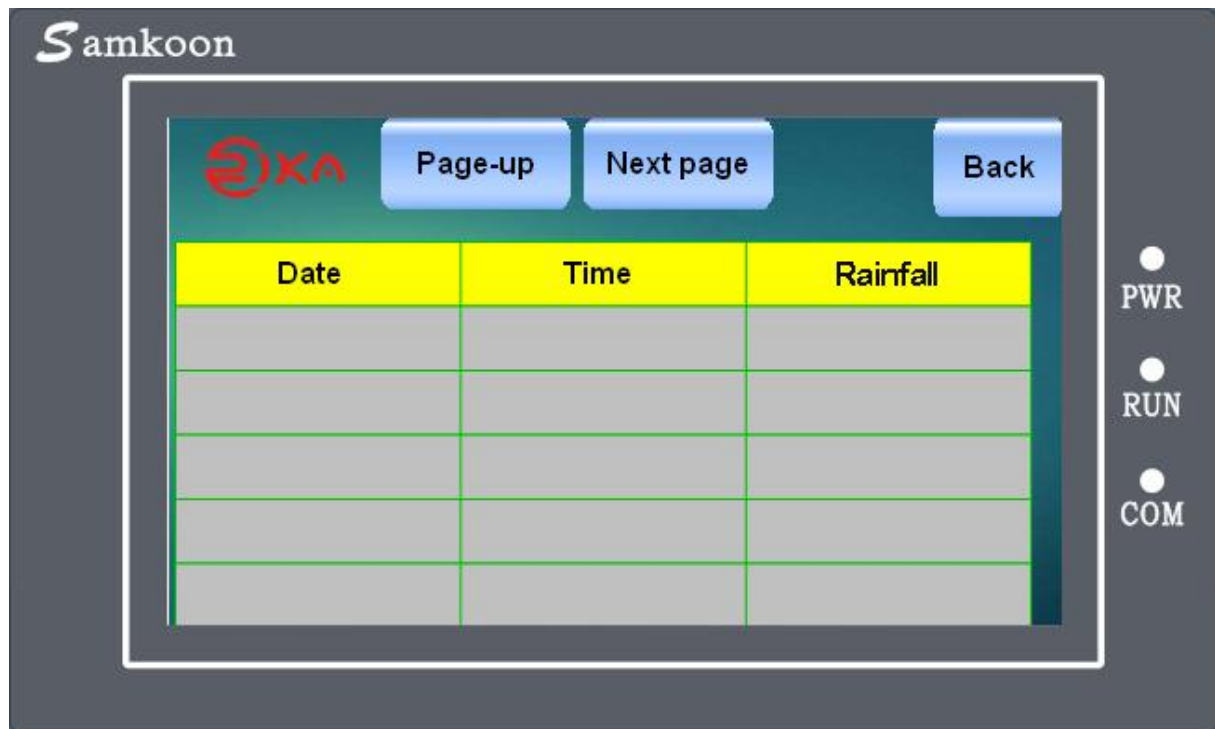
① Ethernet, WIFI, GPRS is optional.

## INTERFACE DESCRIPTION

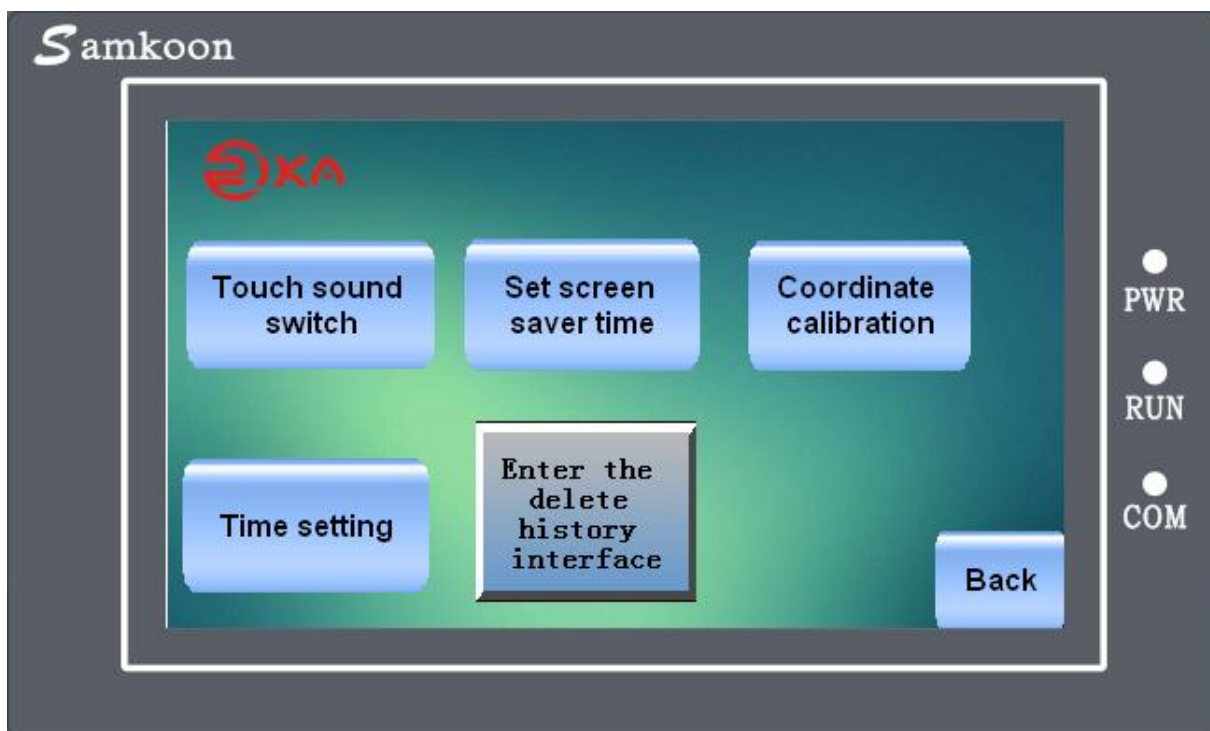
Real-time data display interface



Historical data display interface



Set interface






**PARAMETER SELECTION TABLE**

Remark	Series	Type	Sensor	Cable Length	
RK					
	400				
		03			
			A		RK400-01
			B		RK400-04
			X		Other
				2500	Units:mm (typ)
				3000	Units:mm
				...	Units:mm

Example: RK400-03A2500    Sensor:RK400-01, Cable Length:2.5m.

**CE** Complies with applicable CE directives.  
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