

The RK600-08 portable data logger has functions such as data acquisition, storage, transmission, and management. It is the core component of an automatic weather station and can connect 32 parameters simultaneously. The color touch screen can be set on site and can communicate with other systems through cables or wireless connections. The product provides communication protocols for secondary development.

FEATURES

- Real-time display
- Multiple sensor interface
- Large storage
- U-disk external storage optional
- Wireless optional
- Self-contained clock chip
- App for Android and Apple
- Data cloud platform
- Custom display interface
- Compact size, easy to carry and move



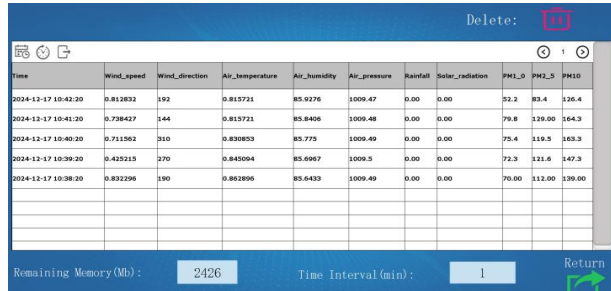
SPECIFICATION

Item	Details
Display	4.3" color touch screen with backlight
Resolution	800x480
Screen sleep	Support
Touch type	Resistive type
Screen dormancy	Support
Backlight adjustable	Support
Communication status indication	Support
Internal storage	4GB
Data interface	RS485
Communication protocol	Modbus-Rtu
Network	Ethernet (standard standard), 4G/ WIFI (optional)
Supply	12VDC with 100-240VAC adapter, solar power supply system optional
Relay output	customized
Record interval	1min-240min adjustable
Measurement parameters	32 Max.
Power protection	With surge protection, anti protection
CE	EN55022 & EN55024

Display interface



Real-time data



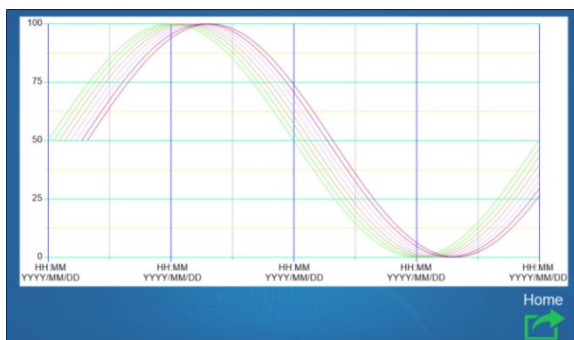
Delete: [X]

Time	Wind_speed	Wind_direction	Air_temperature	Air_humidity	Air_pressure	Rainfall	Solar_radiation	PM1_0	PM2_5	PM10
2024-12-17 10:42:20	0.812832	352	0.815721	85.9276	1009.47	0.00	0.00	52.2	83.4	126.4
2024-12-17 10:41:20	0.738427	344	0.813721	85.8406	1009.48	0.00	0.00	79.8	129.00	164.3
2024-12-17 10:40:20	0.711562	310	0.830853	85.775	1009.49	0.00	0.00	75.4	119.5	163.3
2024-12-17 10:39:20	0.425215	370	0.845004	85.6967	1009.5	0.00	0.00	72.3	121.6	147.3
2024-12-17 10:38:20	0.892296	390	0.882896	85.6433	1009.49	0.00	0.00	70.00	112.00	139.00

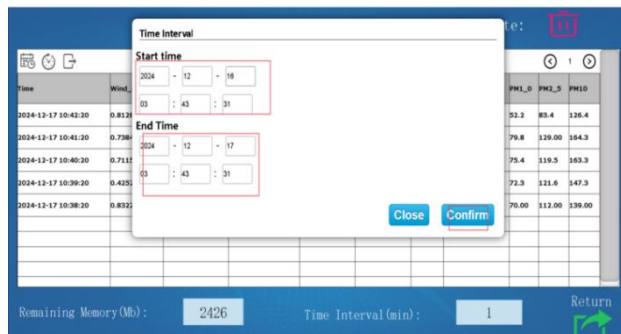
Remaining Memory(Mb): 2426 Time Interval(min): 1

Return

Data form



Historical curve



Time Interval

Start time
2024 - 12 - 16
03 : 43 : 31

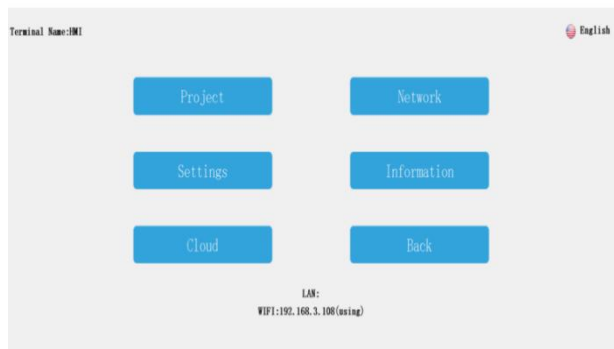
End Time
2024 - 12 - 17
03 : 43 : 31

Close Confirm

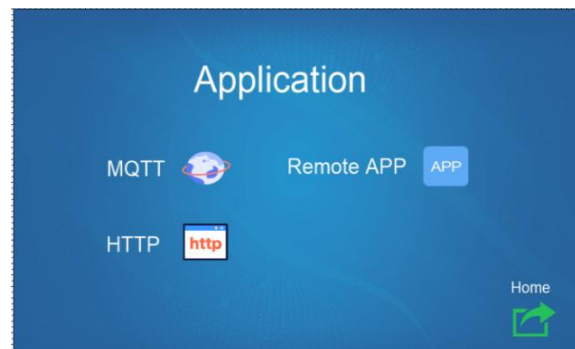
Remaining Memory(Mb): 2426 Time Interval(min): 1

Return

Historical data export



Setting interface



Server configuration

1. Real time monitoring of sensor data.
2. Set data saving interval.
3. View data table in real time.
4. 4G/Ethernet/WIFI communication service configuration

Revision time	Reviser	Current Version	Remarks
20250428	Lee	5.0	