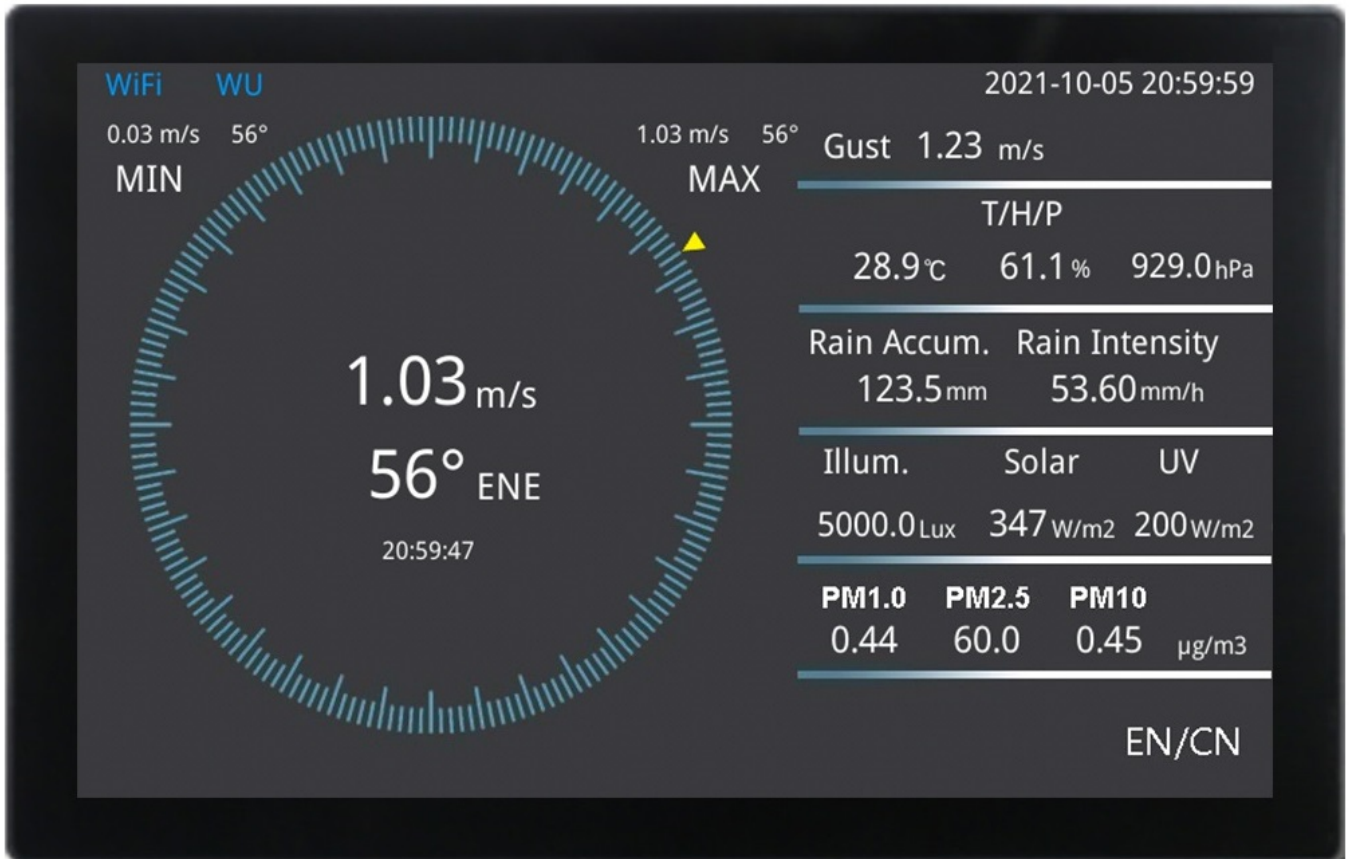


# HY-DISPLAY

## Технические характеристики

### По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231	Казань (843)206-01-48	Новокузнецк (3843)20-46-81	Смоленск (4812)29-41-54
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Астрахань (8512)99-46-04	Калуга (4842)92-23-67	Омск (3812)21-46-40	Ставрополь (8652)20-65-13
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Белгород (4722)40-23-64	Киров (8332)68-02-04	Оренбург (3532)37-68-04	Тверь (4822)63-31-35
Брянск (4832)59-03-52	Краснодар (861)203-40-90	Пенза (8412)22-31-16	Томск (3822)98-41-53
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Волгоград (844)278-03-48	Курск (4712)77-13-04	Ростов-на-Дону (863)308-18-15	Тюмень (3452)66-21-18
Вологда (8172)26-41-59	Липецк (4742)52-20-81	Рязань (4912)46-61-64	Ульяновск (8422)24-23-59
Воронеж (473)204-51-73	Магнитогорск (3519)55-03-13	Самара (846)206-03-16	Уфа (347)229-48-12
Екатеринбург (343)384-55-89	Москва (495)268-04-70	Санкт-Петербург (812)309-46-40	Хабаровск (4212)92-98-04
Иваново (4932)77-34-06	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
Ижевск (3412)26-03-58	Набережные Челны (8552)20-53-41	Севастополь (8692)22-31-93	Череповец (8202)49-02-64
Иркутск (395)279-98-46	Нижний Новгород (831)429-08-12	Симферополь (3652)67-13-56	Ярославль (4852)69-52-93
Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	



## HY-DISPLAY weather station display console wifi IoT platform

HY-DISPLAY is a powerful console with Embedded real-time operating system is embedded, which can work reliably continuously, without garbage and redundant, no worries to system crash.

This console is mainly for HongYuv sensor (for free), we can also customize it to fit your own sensor.(extra cost)

### Brief Introduction

HY-DISPLAY is a versatile console comes with multiple function developed by Hongyuv Technology. Not only can it display real-time data, history graph, do data logging, but also conduct TCP connection as client to your server, upload data to Weather Underground, HongYuv IoT platform.

All data received by serial port(UART, RS485, RS232, TTL) will be automatically uploaded to your server.

It's working based on embedded real-time operating system, which is stable, free of system crash.

It can support HongYuv unsolicited(active) output in ASCII stream format, NMEA0183, MODBUS-RTU protocol.

We can also make it suit to your own protocol based on your requirement customization.

Multiple language can be customized.

## Features

Min and Max wind indication

Support Weather Underground WUnderground

Wind Sector indication

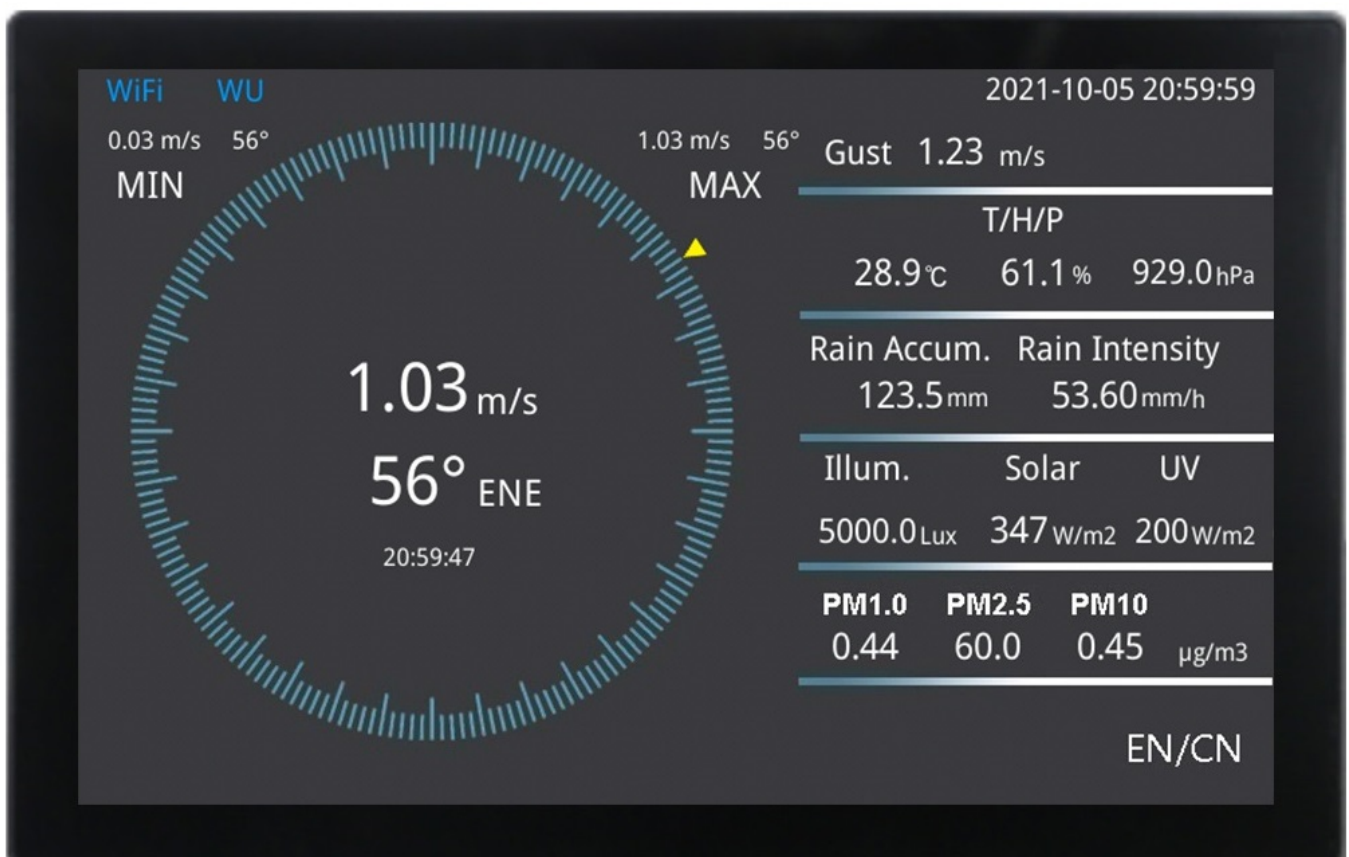
Wind and Temperature Alarm

Historical Graph & Changable wind & temp unit

TCP connection

WIFI & SD card supported

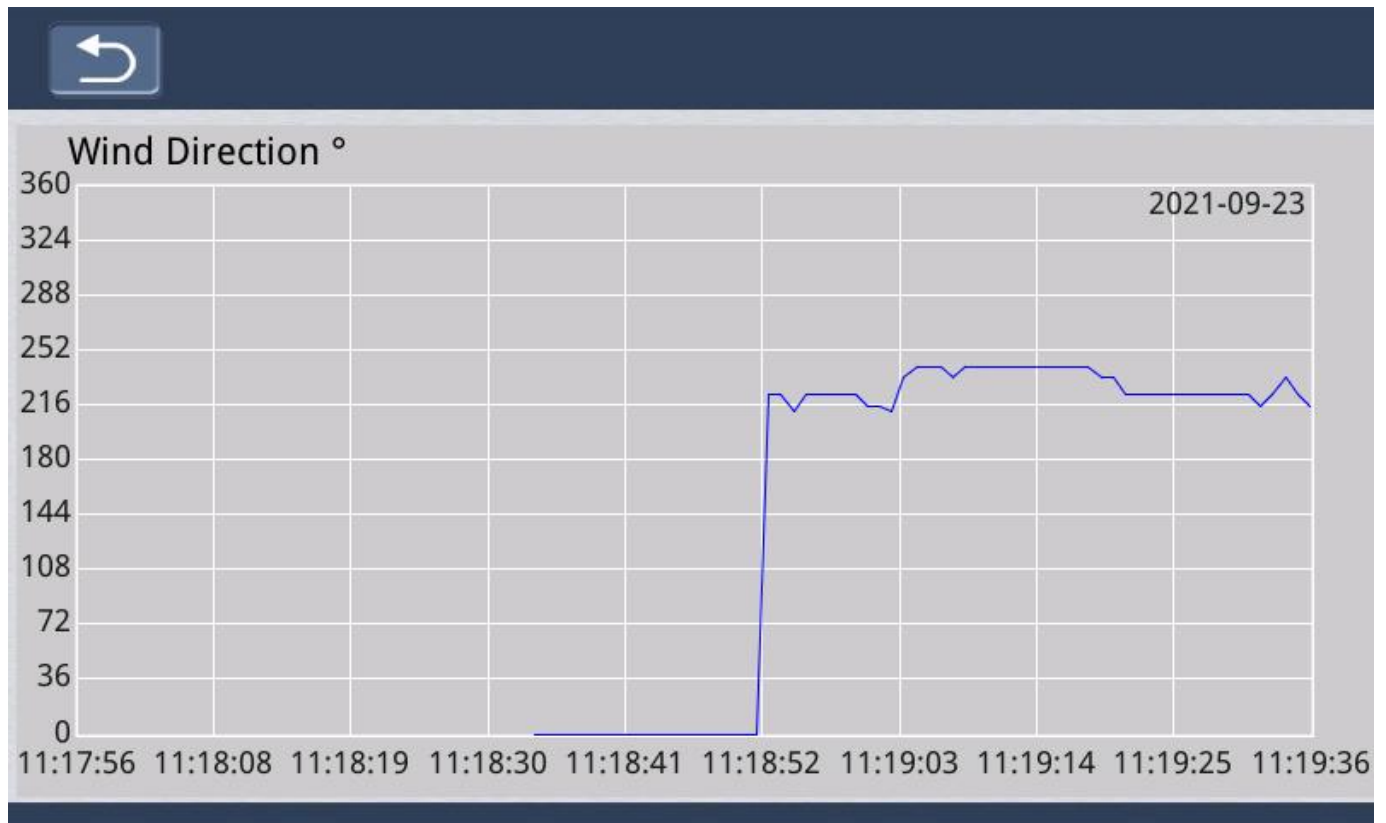
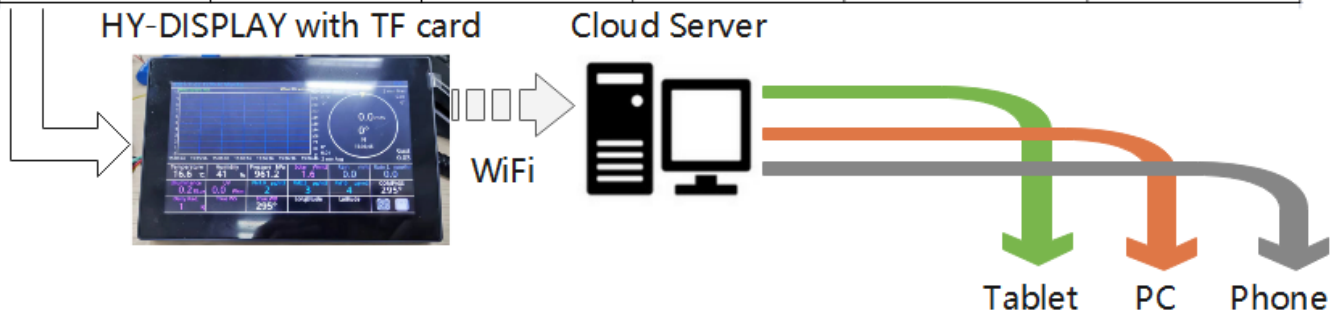
Support HongYuv IoT platform



HY-DISPLAY is capable of integrating various sensor over RS485 MODBUS-RTU.

Under help of HY-DISPLAY, you don't need to handle hardware interface processing and just need to focus on development of cloud server.

UV	Solar radiation	PAR	Wind T/H/P Rain	Soil Temp Hum.	Air quality
					
Noise	Water quality	Water level	Visibility	Road ice monitoring	Optical rain
					



## Specification

Screen	7 inch TFT Capacitive touch screen
CPU	800Mhz
RTC function	Yes
Dimension	189.0mm×105.3mm×17.5mm
Display Zone	155.5mm×87.2mm
Interface	TTL or RS485 or RS232
WIFI	Optional:2.4GHz-2.48GHz supported
TF card	Supported, 32GB TF card can store 3000 days' data
Operational Temp.	-20 ~ +70°C
Storage Temp.	-30°C ~ +80°C
Optional protocol	One of MODBUS-RTU,NEMA0183,Active output Other protocol can be customized
Reliability	It has passed industrial standard high and low temperature, ESD, group pulse and radiation tests
Power consumption	Backlight off:120mA 20%:150mA 100%: 240mA @12VDC



Monitoring Center

Device name

All Equipment Alarm 0

- 后向能见度
- CCTV-HK
- SA2四爪
- KAIMAI-对比
- WDC6
- WDS6E
- SA2
- 高版路面
- VTF306B 对比
- COM6能见度

### Wind Speed

Time	Wind Speed
2021-09-07 10:40:45	1.5
2021-09-07 10:41:15	2.1
2021-09-07 10:41:45	0.9
2021-09-07 10:42:15	2.5
2021-09-07 10:42:45	1.5
2021-09-07 10:43:15	0.4
2021-09-07 10:43:45	0.9
2021-09-07 10:44:15	0.4
2021-09-07 10:44:45	1.2
2021-09-07 10:45:15	0.2
2021-09-07 10:45:45	1.8
2021-09-07 10:46:15	0.8
2021-09-07 10:46:45	1.6
2021-09-07 10:47:15	1.2
2021-09-07 10:47:45	2.5
2021-09-07 10:48:15	0.3
2021-09-07 10:48:45	1.4
2021-09-07 10:49:10	1.5

2021-09-07 10:40:45 2021-09-07 10:42:51 2021-09-07 10:44:58 2021-09-07 10:47:04 2021-09-07 10:49:10

RT CurveC Hist QueryA-

RT CurveC Hist QueryA-

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To 1 Page Define

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