



Wecon VI8000 Series HMI PRODUCTS CATALOG



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WEB SCADA

WEB HMI LEVI8000 SERIES

> WHAT IS WEB HMI

Wecon take full advantage of the latest developments of Internet technology -- HTML5 as scripting language for HMI screen, and push through ordinary HMI products limitations

- Hard to get delicate screen;
- Separated device, unable network monitoring;
- Almost impossible to use database;

*WECON LEVI 8000 For everything
To be come true and easy*

> Delicate sereen

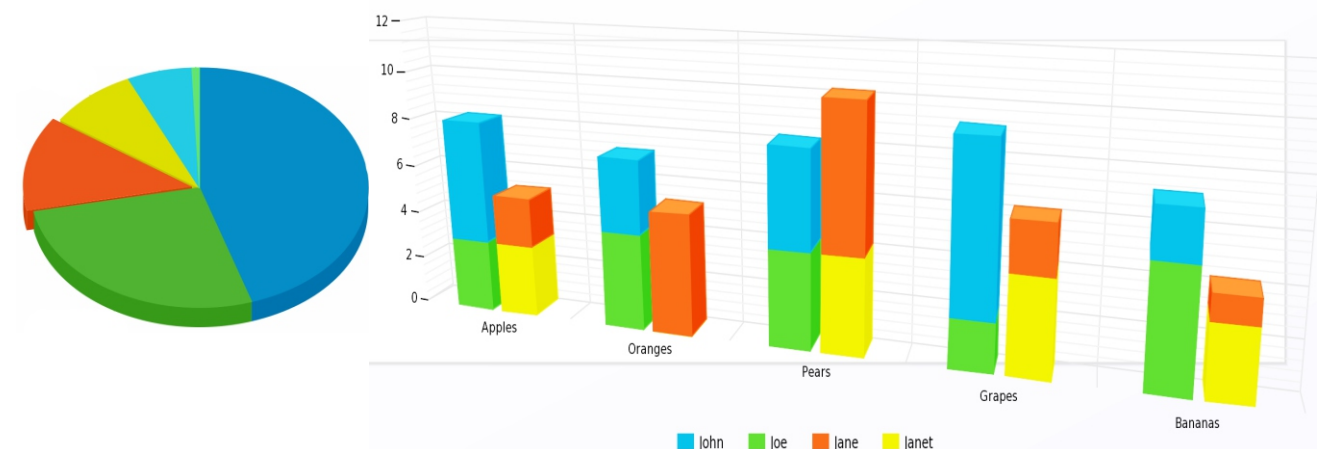
- Use HTML5 as scripting language for HMI screen;
- All of HMI screens are webpage;
- All delicate webpage can be changed into HMI screen;
- For more colorful HMI screen:

> Interconnection

- To morniotr the HMI over WIFI;
- To control LEVI8000 over mobile phone, table PC, personal computer;
- Without any special software:
- Using the latest WEB browser architecture, you only need to , you could sit in the office and check the states of device even thousands of miles away, also can be remotely controlled.

> More easy

- More abundant resource and easily obtain;
- Easy to load the resource of HIGHCHARTS into HMI screen;
- There are a lot of a lot of HIGHCHARTS resources on the Internet which can be easily obtained;
- Developing the webpage by yourself;
- Fine and different;



HARDWARE FEATURES

WECON LEVI8000 Series

Hardware Features



- CPU : 720M/1G hz ARM Cortex A8
- Screen : TFT LCD 260000 colors
- Storage : Flash mass storage , 4G EMMC
- Five serial port : RS232/RS485/RS422
- Memory : 512M DDR3
- Ethernet : Ethercat, CAN bus



Peripheral Devices

- USB Camera
- Mini printer
- Wifi
- USB scanner
- Serial scanner
- IC card/Mag-stripe reader
- Laser printer
- Network printer
- USB fingerprint recognizer
- CAN the DEVICE
- RS232 / RS485 / Rs422



SOFTWARE FEATURES

WECON LEVI8000 Series

> software configuration

- WECON LEVI8000 series human machine interface could install LINUX or other operating system by customer's desired

>Pre-install LINUX OS

- OS : Linux-3.2.0 version
- Application : Develop the application by user or design the screen over LEVI Studio II software

>SQL Database

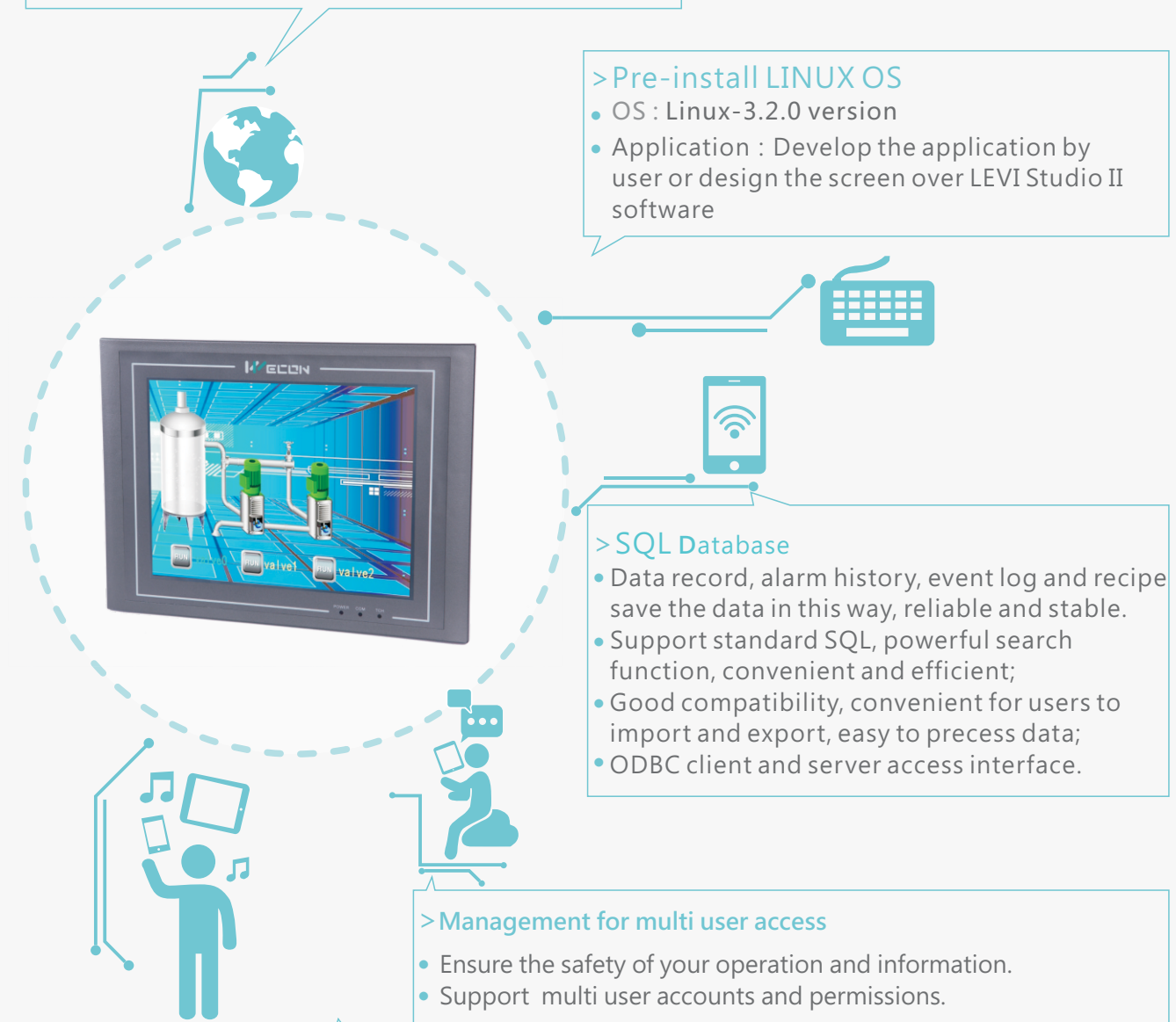
- Data record, alarm history, event log and recipe save the data in this way, reliable and stable.
- Support standard SQL, powerful search function, convenient and efficient;
- Good compatibility, convenient for users to import and export, easy to precess data;
- ODBC client and server access interface.

> Management for multi user access

- Ensure the safety of your operation and information.
- Support multi user accounts and permissions.

>Others

- 64 bits data format; support email, SMS alarm;
- Play video, easy to install U disk.



LEVI STUDIO II

Levi Studio II is a new development tools, it introduces a new Ribbon interface to us. Compared with the traditional menu bar, toolbar, the Ribbon interface is more efficient for our daily work, and more beautiful.



> Multimedia support

- Support to display the picture, like PNG, BMP, JPG, GIF, JPEG etc
- Support play the video, like MPG, RMVB, MP4, AVI, MOV,3gp, RM etc;
- Support play the audio, like MP3, WAV, WMA etc;
- And FLASH animation.



> The Built-in multimedia resources

- Various of buttons, lamps, display boxes and other gallery resources;
- Piping, arrow, pumps, tanks, dashboard, etc.;
- And delicate vector diagram.



Device Support

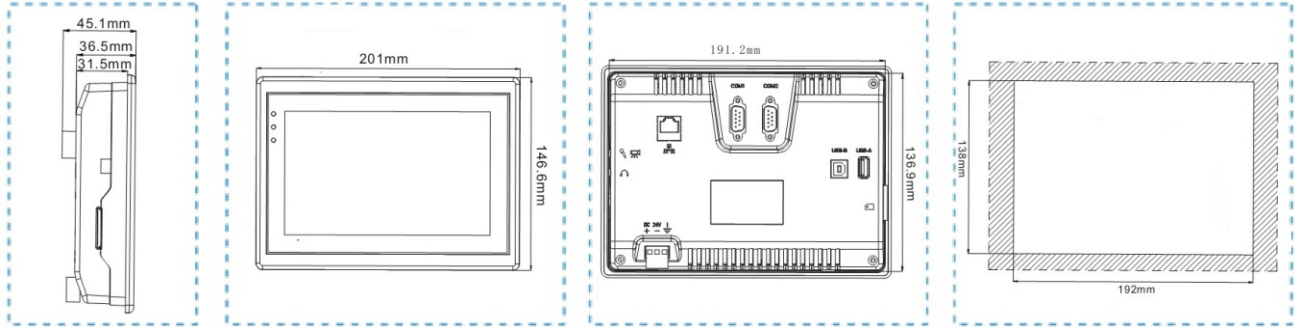
Manufacturer	Model / Protocol
Emerson	DKG2 , EC20 series
Allen-Bradley	MicroLogix 1000/1500
DELTA	DVP Series
KEYENCE	KV Series
OMRON	CS/CP Series , FINS Ptotocol/CJ
Panasonic	FP Series
MITSUBISHI	A Series/1N/2N/3U/Q Series/L02
SIEMENS	S7-200/S7-300(PPI,MPI)
SIEMENS(ethernet)	S7-300/1200/200 smart
TAIAN	TP01/02/03 Series
HollySys	LK/LM MODBUS TCP
FATEK	FATEK Series/TCP ASCII
Schneider	Twido/Modicon
Haiwell	Haiwell PLC
LG	K120S/K300S
INOVANCE	Whole series
XINJE	Whole series
INVT	Whole series
MODBUS RTU	SLAVE/MASTER
MODBUS ASCII	SLAVE/MASTER
MODBUS TCP/IP	SLAVE/MASTER
VIGOR	Vigor PLC
Nanda automation	MODBUS TCP/ASCII TCP
CAN BUS	J1939/CAN
SIEMENS	USS
DANFOSS	FC Series Inverter
Crouzet	CROUZET M3 (FBD)
WECON	free protocol

SPECIFICATIONS

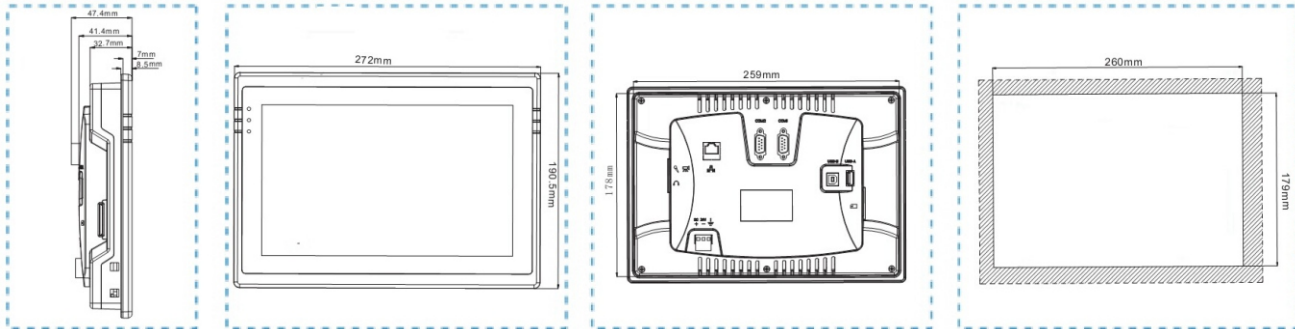
Model/Item	LEVI8708	LEVI8108	LEVI8104
Input and Display			
LCD	TFT LCD		
Display Size	7 Inch	10.2 Inch	10.4 Inch
Screen Ratio	16:9	16:9	4:3
Color	1,600 Colors	260,000 Colors	260,000 Colors
Resolution	800*480	800*480	800*600
Backlight	LED Backlight		
Backlight Life	50,000 Hours		
Touch Screen	High precision four-wire resistive		
Mouse	Support Mouse and Keyboard		
Video	USB camera		
Dimension			
Dimension(mm)	138*86*37	212*146*36	299*222*54
Mounting(mm)	131*79	192*138	288*212
Model/Itme	LEVI8708	LEVI8108	LEVI8104
Hardware			
CPU	CORTEX A8 720M/1G HZ		
Power Supply	DC24		
Voltage	DC12-28V		
Rated Power	<10w		
Working Temperature	-10℃-60℃		
Storage Temperature	-30℃-70℃		
FLASH	4 GB		
Memory	DDRII 512 MB		
Interface			
Serial Port	Interface Parameters		
Ethernet	Optional	Optional	Optional
SD Card	Yes	Yes	Yes
USB HOST	Yes	Yes	Yes
USB DEVICE	Yes	Yes	Yes
WIFI		Optional	
CAN	Optional	Optional	

MOUNTING DIMENSION

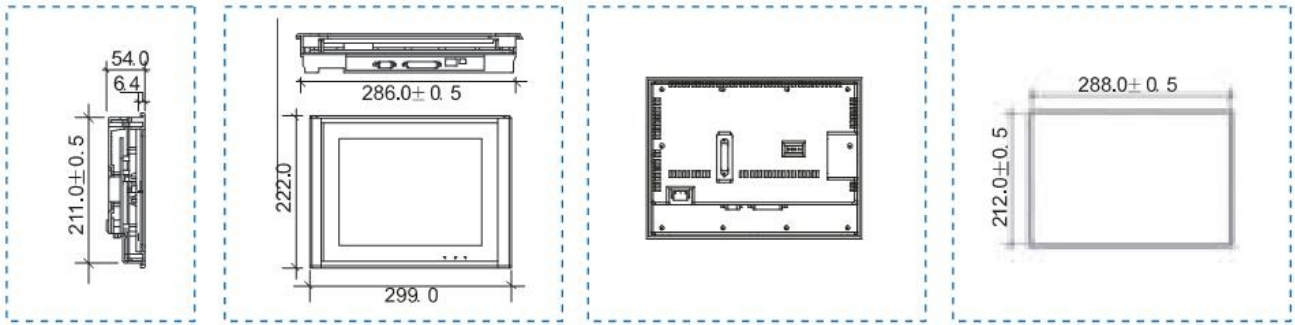
LEVI8708



LEVI8108



LEVI8104



APPLICATION CASE

WECON LEVI8000 Series

> Intelligent computer control system

- Use WECON LEVI Series human machine interface with industrial grade ;
- Pre-install LINUX operating system ;
- Develop HMI project by LEVI Studio II;
- To satisfy requirement of remote data transmission and control.

> Special function for HMI programming software:

- Powerful user interface editor. easily and flexibly control HMI by composable parts;
- Built-in user login,to access the corresponding interface according to user's permission;
- Built-in alarm settings, to record user's operation and alarm message in real-time;
- Support web remote access over Ethernet, or other portable devices such as mobile phone, PAD;
- The function of data acquisition,storage and query can be achieved by SQL database programing on HMI editor;
- Aimed at the system requirements of application, need to develop the driver independently for fingerprint recognition module and USB camera .

> Industrial washing machine control system

- WECON new generation LEVI8000 Series industrial HMI control scheme:
- Stable and reliable project;
- Built-in database with multi parameters;
- More easy and flexible;
- Abundant graphics for button;
- More humanized interaction.

> Function of washing machine



WECON Export Map

