



HMI PRODUCTS CATALOG

FUZHOU CANWELL IMPORT & EXPORT CO.,LTD.

LEVI8108

| HMI PRODUCTS

【NEW HMI SYSTEM】----High calculate speed ----Large memory system
----Advanced application field



Features

- 720MHZ: High calculate speed
- 512MB : Large memory HMI system
- >=128MB: Flash Storage system
- Support Wince7.0, LINUX, ANDRIOD .etc OS

YYLY

Intelligence live application:used in hotels,villa,automatic control, support Wince and LINUX OS,high-end hardware platform can support rich software applications.

Industrial PAC computer:according to LEVI8108, support the configuration software,can adapt all kinds of complex industrial environment like strong acid, strong alkali, humidity, high dust etc.

Large production line:through the Ethernet or wireless Ethernet communicate performance, combined with our company developed the centralized monitoring system, support centralized monitoring, data centralized processing.

Hardware

Display Capabilities:

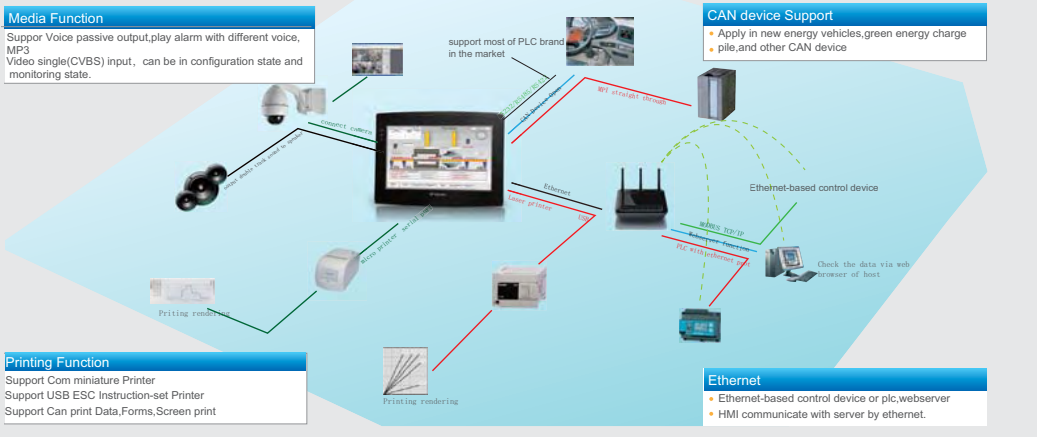
Size	10.1 inch	COM1	RS232, RS485/RS422
Color	2600000 colors	COM2	RS232, RS485
Resolution	1024x600	COM3	RS485 (optional)
Display size	22.72(w) x 12.28(d)mm	USB HOST	Standard (High-Speed, Full-Speed)
Intensity	though LEVI to control	USB DEVICE	Standard (High-Speed, Full-Speed)
Specifications:		Ethernet	10Mbps/100Mbps/1000Mbps selfadapt
CPU	cortex A8 max720Mhz	CAN	Isolate CAN interface (optional)
DDR	DDR3 512MB	Ex-Memory	Standard SD-card
Memory	SLC FLASH 256MB	Audio	Mic, Stereo, built-in speaker (optional)
Power	<10W	EEPROM:	max256Kbit (optional)

Equipment Support



Media Function

Support Voice passive output, play alarm with different voice, MP3
Video single(CVBS) input, can be in configuration state and monitoring state.



CAN device Support

- Apply in new energy vehicles, green energy charge pile, and other CAN device

Printing Function

Support Com miniature Printer
Support USB ESC Instruction-set Printer
Support Can print Data, Forms, Screen print

Ethernet

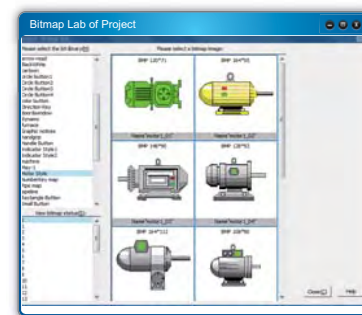
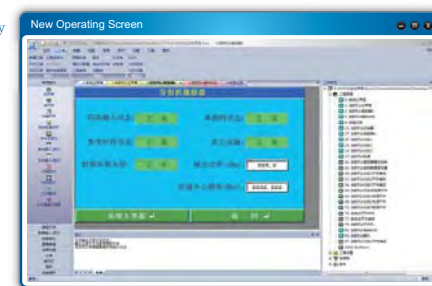
- Ethernet-based control device or plc, webserver
- HMI communicate with server by ethernet.

Program Software

| HMI PRODUCTS

Software interface, adopt microsoft latest RIBBON UI technology
Compare with traditional menu-style user interface
Ribbon have below advantages:

- All functions gather orderly, don't need to find cascading menu, toolbar.
- Have more display space.
- Abundant layout can help user to find the important, frequently-used functions.
- Show the views after modify, like change the TXT format.
- More adjust operate HMI



Screen shows APPLE style

- Almost limitless screen storage sapace.
- Apple style menu, display style.
- Abundant bitmaps and vectors, make the screen more easier.
- Support template, have works of life typical application in template library.
- Support user-defined screensaver picture.
- Support JPG, BMP, GIF, PNG, and others format picture.
- Vivid color, maximum reduce the distortion.

Data record

HMI

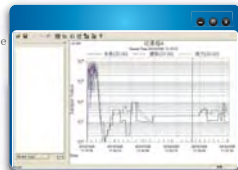


Data record

- Provide alarm record, event record, storage after triggering.
- Save data by CSV format, save as EXCEL, convenient for viewing.
- Can upload data via serial port, ethernet.
- Support SD card, U disk, support up to 4G SD card.

Read data record

- Can transfer the data in SD card to U disk.
- Freely provide data management software, easy to use.
- Software can obtain record from HMI automatically (on the premise, HMI and upper pc have been connected)
- File can generate trend chart and reports, easy to view.



Date	Time	...	...	...
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	Series	LEVI430T	LEVI777A	LEVI700L	LEVI908T
Display configuration	IML type	4.3 inch	7 inch	7 inch	8 inch
	Display type	TFT true color	TFT true color	TFT true color	TFT true color
	Color	65536 color	65536 color	65536 color	65536 color
	Resolution	480×272	800×480	800×480	800×600
	Displaying size	95W×54H mm	154.0W×85.9H mm	154.0W×85.9H mm	162.0W×121.5H mm
Backlight	Brightness adjust	software adjust	software adjust	software adjust	software adjust
	Touch screen	high precision resistance-type	high precision resistance-type	high precision resistance-type	high precision resistance-type
	Backlight	LED	LED	LED	LED
	Backlight life	50000 hours	50000 hours	50000 hours	50000 hours
	Dormancy	selectable	selectable	selectable	selectable
General configuration	CPU	400MHZ	400MHZ	400MHZ	400MHZ
	Video input	/	optional	/	/
	Power voltage	DC24V	DC24V	DC24V	DC24V
	Power voltage range	DC12V~DC28V	DC12V~DC28V	DC12V~DC28V	DC12V~DC28V
	Power consumption	<5W	<5W	<5W	<5W
	Work temperature	-10℃~+60℃	-10℃~+60℃	-10℃~+60℃	-10℃~+60℃
	Protection grade	P65	P65	P65	P65
	Shape size	138.0W×86.0H×37.0D mm	212W×149H×30D mm	212W×149H×30D mm	238.0W×188.6H×47.4D mm
	Installation size	131.0±0.5W×79.0±0.5H mm	192.0±0.5W×139±0.5H mm	192.0±0.5W×139±0.5H mm	224.0±0.5W×179±0.5H mm
	Certificates	CE/FCC	CE/FCC	CE/FCC	CE/FCC
External interface	Serial port (COM1)	RS422/RS232/RS485 (0 pins)	RS232C/RS422/RS485 (0 pins)	RS232C/RS422/RS485 (0 pins)	RS232C/RS422/RS485 (25 pins)
	Extended port (COM2)	/	RS232C/RS485 (0 pins)	/	RS232C/RS485 (0 pins)
	Extended port (COM3)	/	optional	/	optional
	USB HOST	swit by software	Yes	Yes	Yes
	USB DEVICE	Yes	Yes	Yes	Yes
	Ethernet	/	optional	/	optional
	CAN DEVICE OPEN	/	optional	/	optional
Storage	EMIF	U disk	SD card	/	SD card
	Video output	/	optional	/	optional
	Screen picture storage	FLASH 128M	FLASH 128M	FLASH 128M	FLASH 128M
	DDR	DDR II 64M	DDR II 64M	DDR II 64M	DDR II 64M



	series	LEVI102A	LEVI8108(A8)	LEVI910T
Display configuration	IML type	10.2 inch	10.1 inch	10.4 inch
	Display type	TFT true color	TFT true color	TFT true color
	color	65536 color	26 million colors	65536 color
	Resolution	800×480	1024×600	800×600
	Displaying size	219.6W×131.76H mm	222.72W×125.28mm	211.2W×158.4H mm
Back light	Brightness adjust	software adjust	software adjust	software adjust
	Touch screen	high precious resistance-type	high precious resistance-type	high precious resistance-type
	Backlight	LED	LED	LED
	Backlight life	50000 hours	50000 hour	50000 hours
	Dormanc	selectable	selectable	selectable
General configuration	CPU	400MHZ	667MHZ (CORTX A8)	400MHZ
	Video input	optional	/	/
	Power voltage	DC24V	DC24V	DC24V
	Power voltage range	DC12V~DC28V	DC16V~28V	DC12V~DC28.8V
	Power consumption	<5W	<5W	<10W
	Work temperature	-10℃~+60℃	-10℃~+60℃	-10℃~+60℃
	Protection grade	P65	P65	P65
	Shape size	272.0W×200.0H×47.5D mm	272.0W×200.0H×47.5D mm	299.0W×222H×54D mm
	Installation size	260.0±0.5W×179±0.5H mm	260.0±0.5W×179±0.5H mm	288.0±0.5W×212±0.5H mm
	Certificates	CE/FCC	CE/FCC	CE/FCC
External port	Serial port (COM1)	RS232C/RS422/RS485 (0 pins)	RS232C/RS422/RS485 (0 pins)	RS232C/RS422/RS485 (25 pins)
	Extended port (COM2)	RS232C/RS485 (0 pins)	RS232C/RS485 (0 pins)	RS232C/RS485 (0 pins)
	Extended port (COM3)	optional	optional	optional
	USB HOST	Yes	Yes	Yes
	USB DEVICE	Yes	Yes	Yes
	Ethernet	optional	Yes	optional
	CAN DEVICE OPEN	optional	optional	optional
storage	EMIF	SD card	SD card	SD card
	Video output	optional	optional	optional
	Screen picture storage	FLASH 128M	FLASH 512M	FLASH 128M
	DDR	DDR II 64M	DDR II 256M	DDR II 64M

Supported device

Brand	Model/protocol
P L C s	
ABB	COM L16 lve, Binary
Allen-Brdy	MicroLogix1000/1500
DELTA	DVP series
Emerson	DEG2, EC20 series
FACON	FB series
FATEK	FBS series
FESTO	MODBUS TCP.P, PFC.FEC series
FUJI	Nb series
GE FANUC	Series 90 CCM SXP
HITACHI	EC EH2 series
HAWELL	Whole series
HOLLYSYS	Whole series
DEC	FA-2JM two-3M micro art
NOVANCE	Whole series
KEYENCE	KV series
JETTER	DELTA protocol
KOYO	Direct protocol/k protocol
LG	K200S.K300S.MASTER-K10S
OMRON	CSCP protocol,FNS protocol
Panasonic	Pp series
MITSUBISHI	A series FX1N FX2N Q series FX3U C
MODCON	984 RTU SLAVE MASTER
SCHNEIDER	NEZA NANO JV DIO
SHARP	Sharp JV series
SIEMENS	S7-200S7-300PP DP
TARN	TP01.02.03 series
TOSHIBA	M20M40T1T2 series
VEOR	MAB series
XINJE	Whole series
YOKOGAWA	FA-M3 series
WECON	LX series

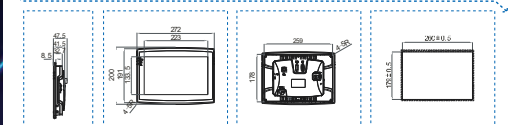
Brand	Model/protocol
Inverter	
DANFOSS	VLT series
DELTA	VFD-B series
HOLP	Whole
NVT	Whole
MITSUBISHI	Frequency-A500 series
TARN	Whole series
SIEMENS	USS protocol
Temperature controller/data acquisition	
ERO	ERO TFS/HS/LFS
YUDAN	ABUS protocol
WDEPLUS	W P protocol
Changhui	SW protocol
Hongge	whole protocol
ADVANTEC	ADAMS protocol
ICPCON	Whole series
Baite	Whole series
Donghui	Whole series
Hongrun	Whole series
Servo	
Yaskawa servo	
Open communication protocol	
WECON communication protocol	
MODBUS RTU	MASTER SLAVE
MODBUS ASCII	MASTER SLAVE
MODBUS TCP.P	MASTER SLAVE
BACNET	
Other	
CAN BUS	J1939 user-defined CAN protocol
PROFIBUS	MPI
Customize the protocol you need	

HMI

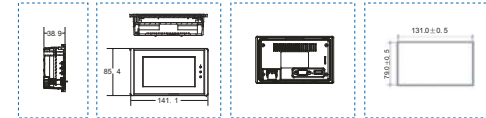
installing size



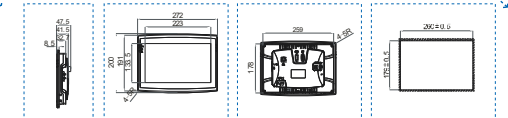
LEVI 102A installing size



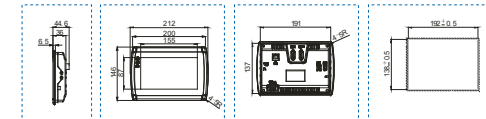
LEV I430T installing size



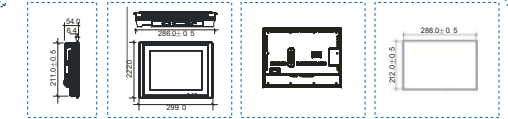
LEV I8108(A8) installing size



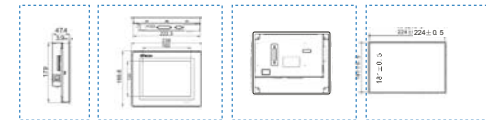
LEV I777A installing size



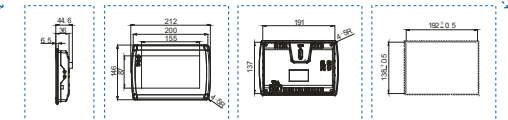
LEV I910T installing size



LEV I908 installing size



LEV I700L installing size



Application

Tower crane black box

Tower crane is common lifting equipment in construction site, the security of tower crane is very important. Black box is installed in tower crane to monitor the behaviour of tower crane. safety bureau can get the running status of all each tower crane in real time, if the production department overload use the tower crane, black box will issue the alarm information to safety bureau. Our HMI not only can monitor the running status of tower crane, but also can give the appropriate data to operator, let operator control it standardly, produce safely and hmi also is responsible for the exchange data between safety supervision department and black box.



Textile machinery industry

Textile machinery is machinery device with high automatic level, the requirement for HMI: high response rates, more accurate equipment action, more intuitive operating interface; meantime, must come with data management function to meet the requirement of operator.

Intelligent breeding

Intelligent breeding consist of main computer administrative system, automatic control systems, data acquisition system, live sensor and other parts. HMI can integrated monitor the farm in real time, include the temperature, humidity, concentrations of carbon dioxide, concentration of oxygen, light intensity, pressure and others, meantime, can automatically or manual control indoor temperature, humidity, Harmful gas concentration, light intensity, make animals live comfortably and improve economic benefit.



Dividing and cutting machine

Dividing and cutting machine is a device that can cut the paper or thin film into more narrow material, usually used in paper making machinery and package printing machinery. HMI can monitor all parameter in real time and set all kind of anticipating alarm value of exception parameters, such as the speed of sending paper, set the alarm value 1 meter/second, then hmi will issue the alarm once the speed exceed 1 meter/second, can discover the fault or employee's error operating in advance to avoid over speed.

