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INSTRUMENTS

pH Transmitting Controller

PONPE 590

Supplied with Calibration certificate

This PONPE 590 are widely used for online pH monitoring in environment protection water treatment, pure water treatment, industrial process and so on.

Function

- White backlight LCD screen, several operations, easy for operation
- Be compatible for six kinds of buffer solution which suitable for international standard.
- Selectable temperature sensor which reduce the replace ment cost;
- Manual calibration is easy for on-site calibration.
- EMC enhancement type could run smoothly under kinds of industry environment.
- (4 ~ 20) mA output support instrument / transmitter modes and satisfy all 4 - 20mA receiving unit.
- Double relay high / low and delay control function could fulfill pH interval control and adjustment.
- Several power supply to be selection according to the different models. Input AC/DC power, no polarity connection.

Specifications

Model		 PONPE 590	 PONPE 590BP	 PONPE 590BPH
Measurement Range	pH	0.00 ~ 14.00		
	ORP	-1000mV ~ 1000mV		
	Temp.	0~50˚C (Temp. compensation component : NTC10K)		
Resolution	pH	0.01		
	ORP	1mV		
	Temp.	0.1˚C		
Accuracy	pH	0.1		
	ORP	≤±5mV (Electronic component)		
	Temp.	±0.5˚C		
Approximate input impedance		3×1011Ω		
Buffer Solution		pH value: 10.00; 9.18; 7.00; 6.86; 4.01; 4.00		
Temp. compensation range		(0~50) °C (with 25°C as standard) Manual and automatic temperature compensation		
(4~20) mA	Characteristics	Isolated, fully adjustable, reversible, instrument / transmitter for selection		
	Loop resistance	500Ω (Max), DC 24V		
	Accuracy	±0.1mA		
Control contacts	Electrical contacts	Double relay SPST-NO, return model		
	Loop capacity	AC 220V / AC 110V 2A (Max); DC 24V 2A (Max)		
Power consumption		<3W		
Working environment	Temperature	(0~50) °C		
	Humidity	~85%RH (none condensation)		
Storage environment		Temp. (-20~60) °C; Relative humidity ~85%RH (none)		
Outline dimension		96×96×105mm (H×W×D)	203×317×152 mm (H×W×D)	404×300×301 mm (H×W×D)
Installation		Panel mounted, fast installation		

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Set Includes

Model PONPE 590

1 × PONPE 590 pH Transmitting
1 × PONPE 590-P-10M pH ElectrodeController
1 × English User ManualController

Model PONPE 590BP

1 × PONPE 590BP pH Transmitting Controller
1 × PH-1110A pH Electrode
1 × English User ManualController

Model PONPE 590BPH

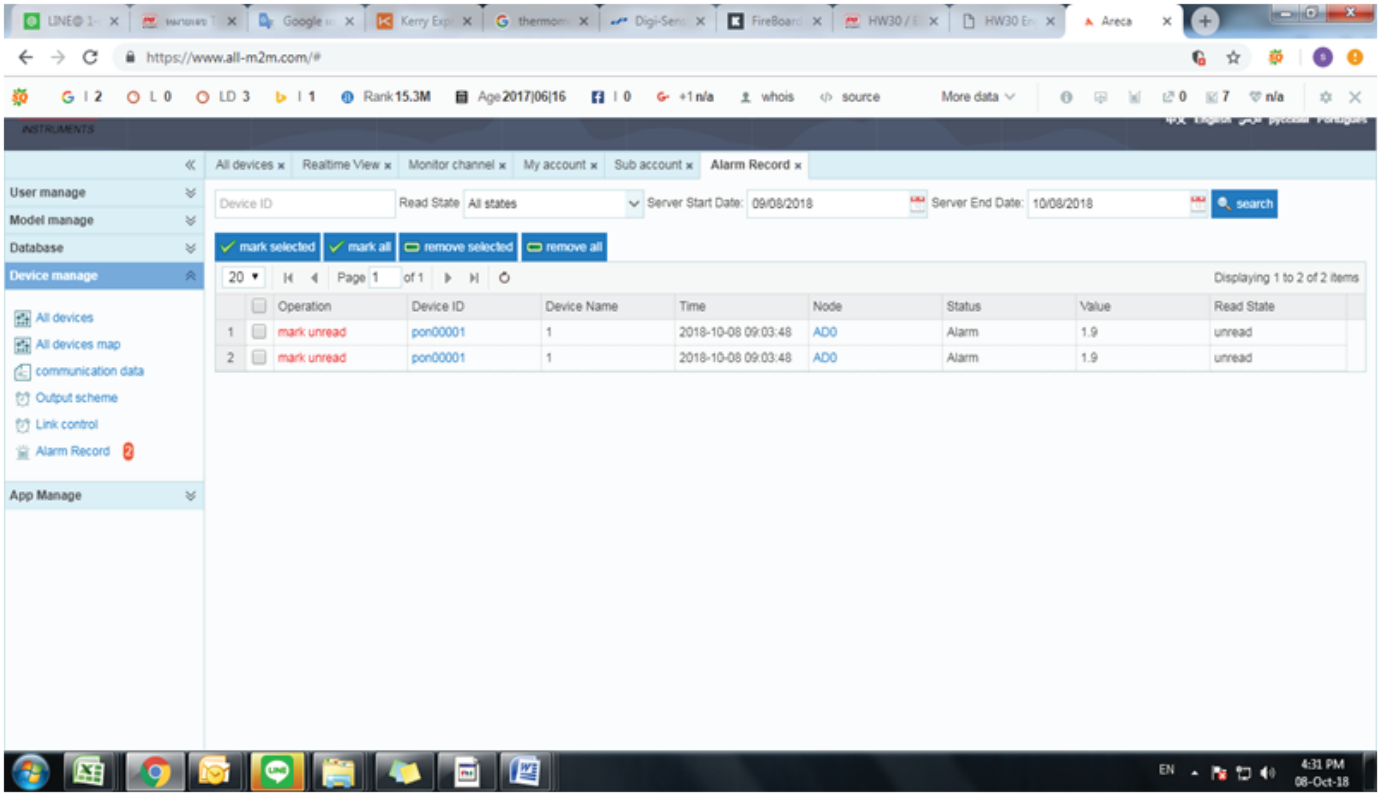
1 × PONPE 590BPH pH Transmitting Controller
1 × PH-1110A pH Electrode
1 × English User ManualController

Optional Accessories

ORP-1110A ORP Sensor

OPTION (ซื้อเพิ่ม)

- แสดงค่าการวัดและการแจ้งเตือนผ่านหน้าจอ Smart Phone (Android) และคอมพิวเตอร์ได้



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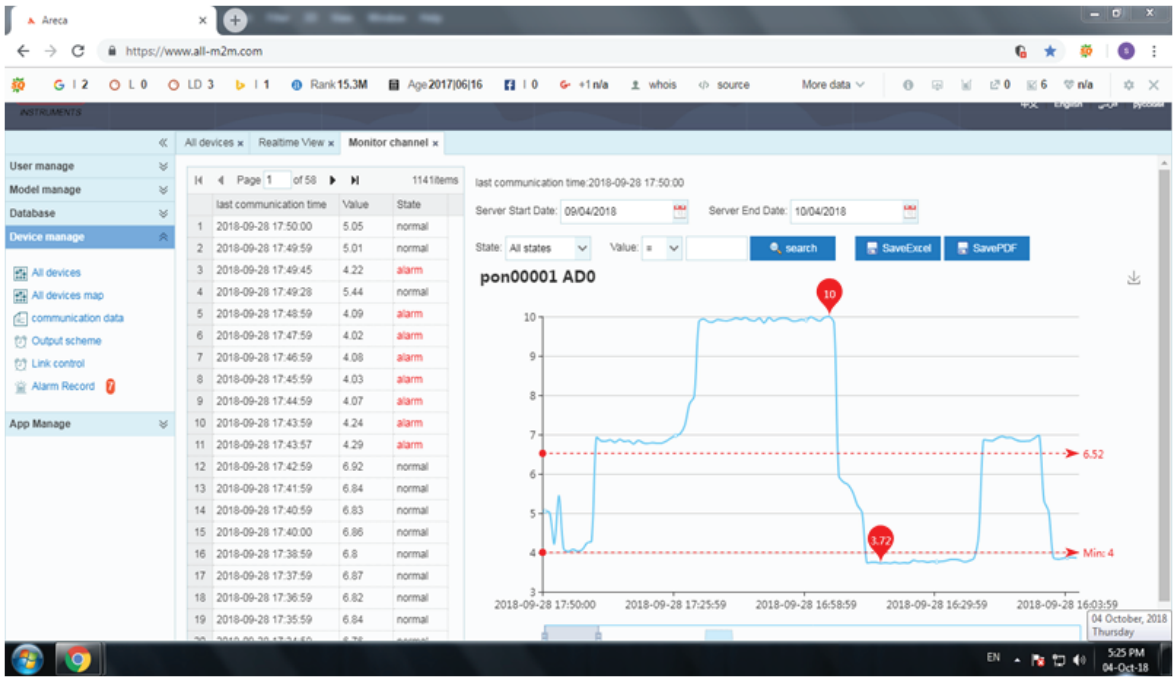
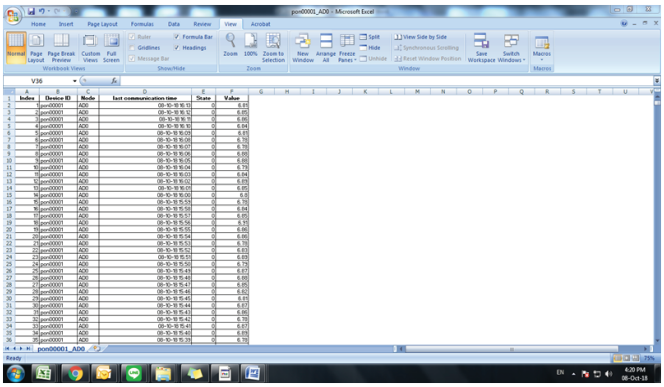
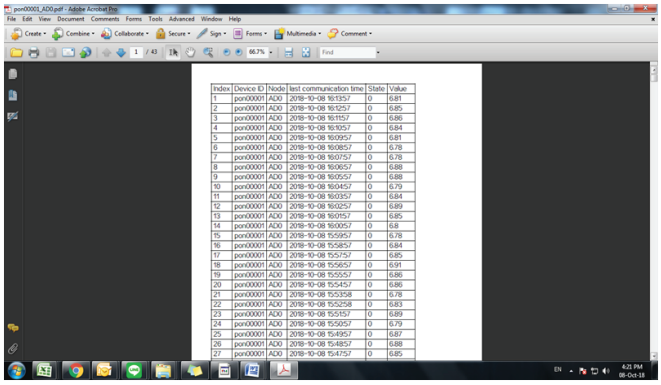
- เรียกดูข้อมูลได้ในรูปแบบกราฟหรือตาราง



- Export รายงาน (Report) ในรูปแบบไฟล์ Excel, PDF และ JPG ได้





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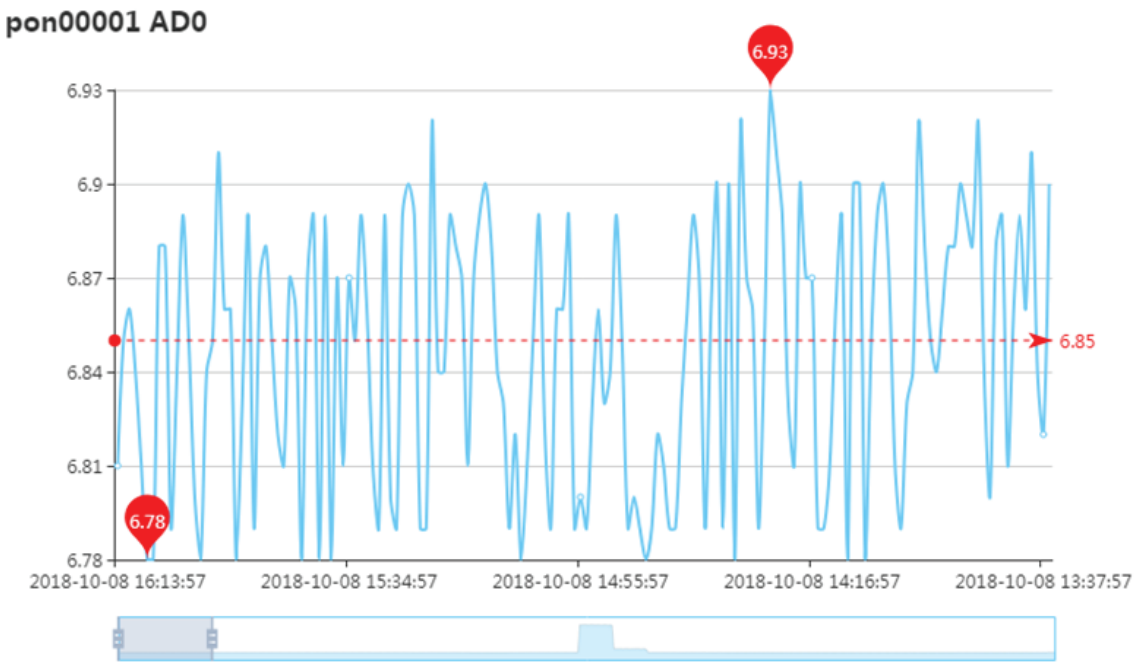
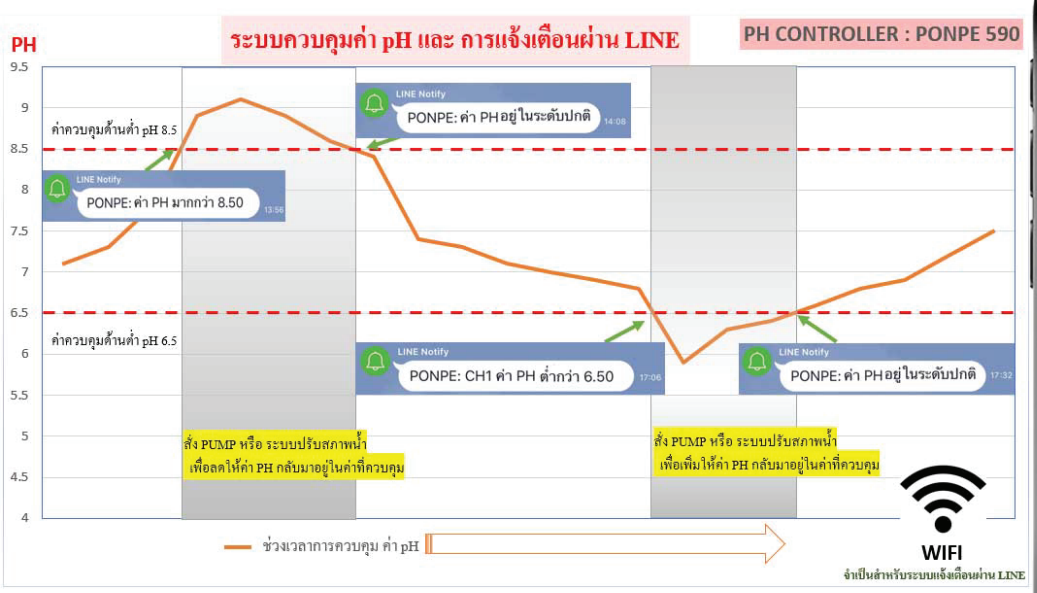
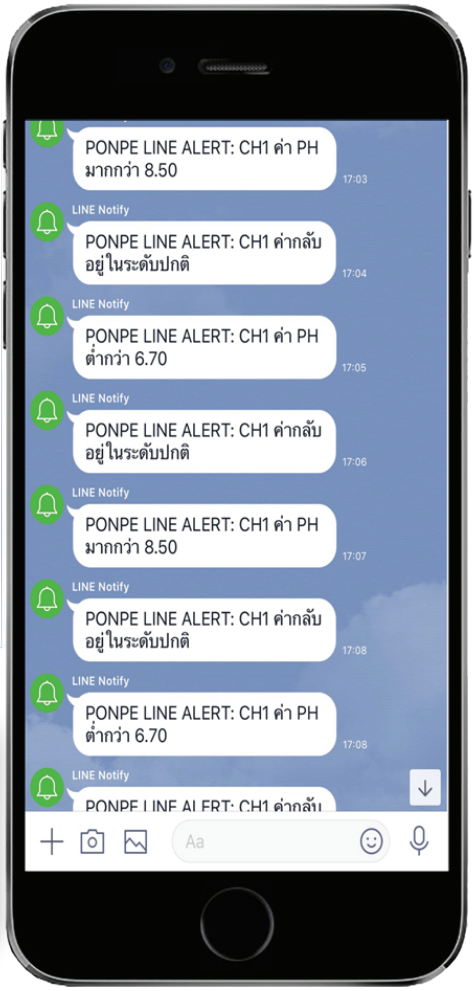


- ระบบ Line Alert





ระบบการแจ้งเตือน ผ่าน Application Line

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