

Wireless Temperature Monitoring

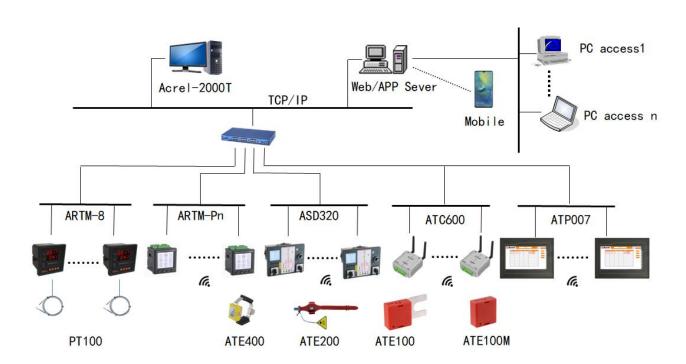
System

Application

- State Grid;
- •Industrial and Mining Enterprise;
- Petroleum;
- Chemical Industry;

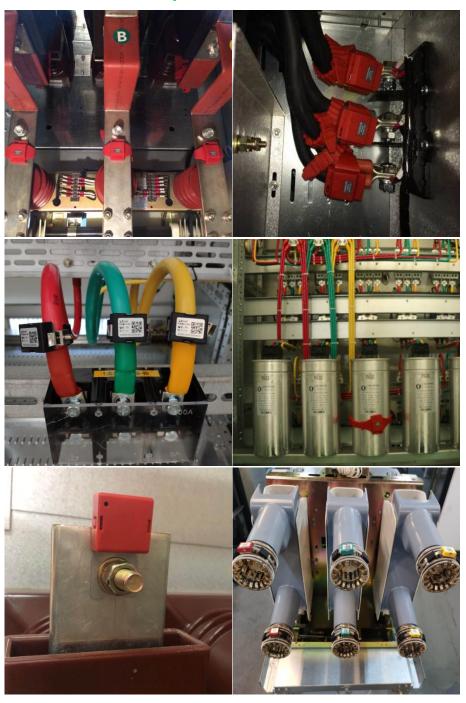
- Date Center
- Metallurgical Industry;
- Municipal Engineering;
- Trafic.

Structure

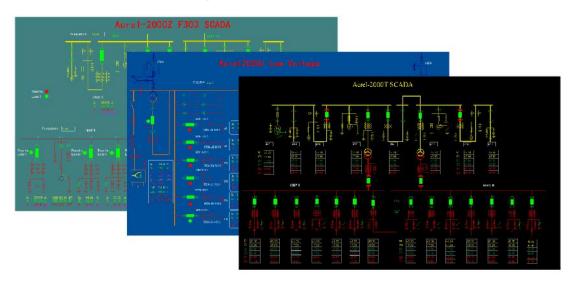


Main Functions

1) Wireless monitor temperature



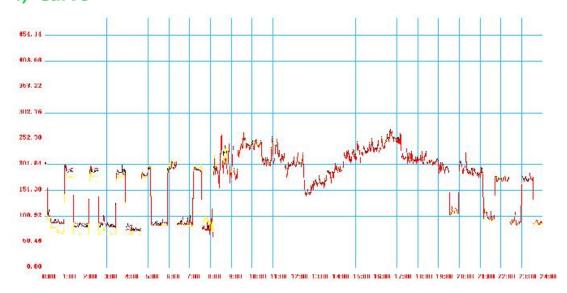
2) Temperature display



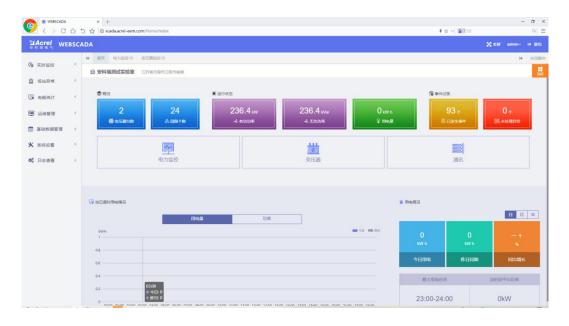
3) Report

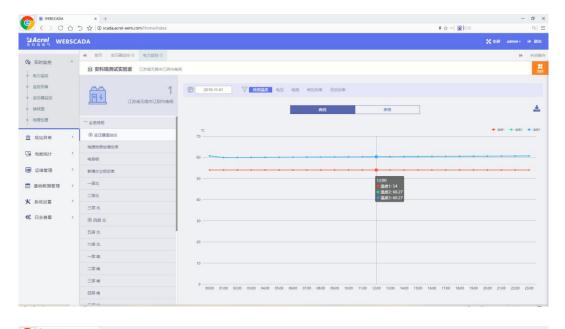
150,0	150.0	150.0	120.0	120.0	310.0	120.0	120.0	120.0	123.0	123,0	122:0	129.0	
281.5	242.0	290.0	296.3	236,5	255.8	20.5	233.9	21/.4	25/A	23/9	238.7	282	
212.3	252,8	237.2	237.0	236.8	296.3	225.7	234.5	238,1	237,8	238,3	239.2	234,4	
211.9	242.3	216.8	216.4	256.5	235.7	235.5	254.1	257.8	237.4	259.3	238.8	258.3	
419.1	419.9	410.3	419.9	499.9	488.9	408.1	405.7	411,8	411.6	412.5	413.9	412.8	
419.4	430.3	410.6	4:0.0	499.9	418.8	408.1	405.9	412.2	411.6	412.8	414.0	412.8	
419.7	419.4	419.9	499.4	499.0	487.4	417.9	ars.a	411.6	411.2	417.5	411.5	417.7	
\$1.6	29.3	6.0	20.6	17.4	66.7	#1.9	21.7	51.4	20.4	21.8	24.0	221	
29.0	27.2	58,1	27.5	40.4	40	59,4	18.9	22.0	21.0	200	21.1	154	
32.5	22.7	45.7	49.3	57.6	54,4	58.3	0.2	213	30,1	21.0	51.8	540	
11.5	3.0	14.2	8.2	13.5	12.5	51	54	11.9	44	16	-3.1	1.4	
5.2	4.7	7,8	4.6	1.2	1.6	ED	6.3	IB	21	-19	-16	0.1	
5.4	5.4	3.3	5.9	13.1	13.5	11,1	4.4	45	67	00	-60	59	
23.1	19.3	21.4	22.7	32.9	36.7	31.1	10,1	15.2	13.2	21	-t4.B	7.4	
-2.4	-3.1	-2.9	-1.7	-2.4	-2.1	-2.3	-18	-17	-42	+2.7	-1.9	-47	
4.5	4.3	44	13	1.8	1.0	2.0	-10	43	43	44	4.0	41	
5.5	3.4	-5.4	-5.2	91.0	-1.8	11.8	-3.5	15.4	-50	-54	-50	-80	
-10.8	-10.9	-10.5	-10.7	-3.4	-3.4	+5.7	-11.4	-10.8	-162	+11.3	-11.9	-1".9	
27.4	23.8	34.2	25.8	34.5	87.1	32.8	18.4	24.8	21,0	17.3	21,9	182	
3.8	18	3.0	2.0	0.0	1,0	LO	46	CB.	06	01	07	0.4	
50.0	50.0	50.0	50.0	50.0	50.0	54.0	50.0	50.0	50.0	50.0	50.0	500	
1092041.3	1090061.9	1092082.5	1092105.0	1092127.3	1092161.3	10921950	10922266	1092241.6	10922573	10922663	10922755	13921845	
83344	R334.8	R334.6	RMAR	RTILE	яла г	R714.R	8714.8	8714.R	8774.9	8776.0	ATTRA	8779.6	
111677	111673	11167.7	11467.7	11/42/2	11167.5	11467.7	11467.7	11467.7	11467.7	11462.7	11467.3	11467.7	
5360224	5360553	5389445	5000002	5360008	5360723	538977.5	5384843	3364503	138108.1	9.051804	1381514	338143A	
212.6	212.6	212.6	2'2.6	2'25	2'25	212.6	212.6	212.6	212.6	212.6	217.0	213.6	

4) Curve

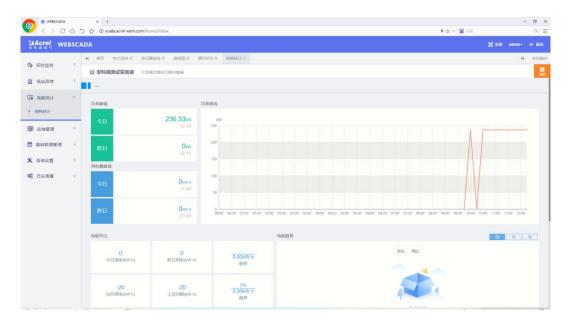


5) Web/APP



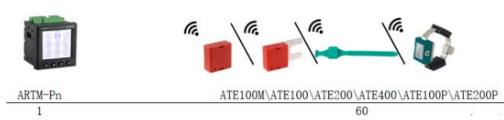






Solution selection

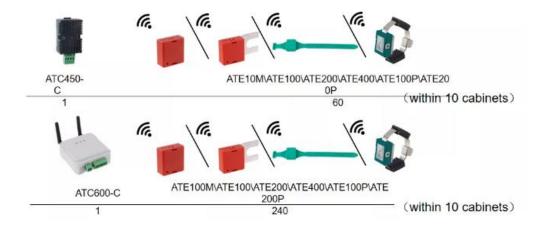


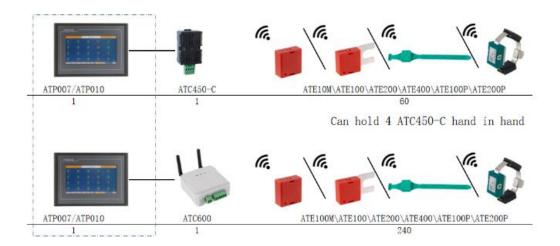


within 10 cabinets



In Medium and Low Voltage Cabinets
--without display





Product selection

ATE400 Wireless Temperature Sensor

- Small size
- Wireless transmit;
- Wireless transmission distance, 150 meters;
- Fase sampling frequency,15s;
- CT-powered, more than 5A starting current;
- Widely temperature measuring range, -40 $^{\circ}$ C ~125 $^{\circ}$ C.





ATE200 Wireless Temperature Sensor

- Wireless transmit;
- Wireless transmission distance, 150 meters;
- Fase sampling frequency,25s;
- Battery -powered, more than 5 years;
- Widely temperature measuring range,

-40℃~125℃

ATE100 Wireless Temperature Sensor

- Wireless transmit, 2.4GHz;
- Wireless transmission distance, 10 meters;
- Fast sampling frequency, 25s;
- Battery -powered, more than 5 years;
- Widely temperature measuring range,
- -40℃~+125℃
- DIN 35 mm





ATE100M Wireless Temperature Sensor

- Wireless transmit
- Wireless transmission distance, 150 meters;
- Fast sampling frequency, 25s;
- Battery -powered, more than 5 years;
- Widely temperature measuring range, -40 $^{\circ}$ C $^{\sim}$ +125 $^{\circ}$ C.

ATC450-C Wireless Transceiver

- Wireless temperature measurement;
- Measuring 60 points;
- 1 RS485 serial communication, Modbus-RTU;
- Power supply adapt with DC24V
- DIN 35mm





ATC600-C Wireless Transceiver

- Wireless temperature measurement;
- Measuring 240 points;
- 1 RS485 serial communication, Modbus-RTU;
- 2 alarm relays
- Power supply adapt with AC/DC220V , AC/DC110V.

ARTM-Pn Wireless Temperature Monitor

- Wireless temperature measurement , maximum measuring 60 points;
- 4 digital inputs;
- 2 alarm relays;
- LCD display;
- Auxiliary power supply adapts with AC220V, DC220V, DC110V, AC110V;





Acrel-2000T/A Collection Device

- Wireless temperature measurement, 240 points;
- Power supply adapt with AC220V, DC220V, DC110V, AC110V;
- Temperature Curve;
- High temperature alarm, buzzer;
- ●1 RS485 serial communication , Modbus-RTU;
- 1 Ethernet communication.

About Acrel



Acrel Co., Ltd.[stock code: 300286.sz] is founded in 2003, a high-tech enterprise integrates R&D, production, sales and service, since its establishment, it committed to provide users with energy efficiency management and power security system solutions. Acrel Electric has a complete production line from cloud platform software to sensors. Until now, more than 10,000 sets of various solutions are running all over the country.

Workshop







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