

Model:UT-5526

32-channel high-speed voltage acquisition meter

Datasheet



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1. Overview

UT-5526 32-channel digital voltmeter is a multi-channel voltmeter with 32 channels of independent voltage input and ambient temperature detection. It adopts a variety of communication methods and can be easily connected to a computer to form a remote voltage acquisition system in various fields such as laboratory, product quality inspection, etc. It can also form an industrial production process monitoring system.

2. Main Function, Feature

- Supports 32-channel digital voltmeter

3. Technical Parameters

- Input channel number: 32 channels
- Input voltage range: 0~36V (DC)
- A/D accuracy: 14Bit, can reach 4 1/2 accuracy
- Temperature acquisition range: 0~80°C
- Sampling work mode: software query
- Conversion rate: <100ms.
- Communication baud rate adjustable: 2400-19200bit/s
- Communication interface: support TCP/IP, RS-485/422 communication mode, can be easily connected with various desktop, laptop network port composition
- Your long-distance voltage collection and control system.
- Working input voltage 9-48V(DC) 6W.
- Operating temperature: -20~85°C
- Relative humidity:-40~85%
- Storage temperature:-45~150°C
- Software support: win98/win2000/winXP/Vista

4. Interface Definition

● 64 Pin Interface Definition

32 Channel Voltage Input	Definition	32 Channel Voltage Input	Definition
1	1-channel voltage input + (0-36V)	33	17-channel voltage input + (0-36V)
2	1-channel voltage input-	34	17-channel voltage input-
3	2-channel voltage input + (0-36V)	35	18-channel voltage input + (0-36V)
4	2-channel voltage input-	36	18-channel voltage input-
5	3-channel voltage input + (0-36V)	37	19-channel voltage input + (0-36V)
6	3-channel voltage input-	38	19-channel voltage input-
7	4-channel voltage input + (0-36V)	39	20-channel voltage input + (0-36V)
8	4-channel voltage input-	40	20-channel voltage input-
9	5-channel voltage input + (0-36V)	41	21-channel voltage input + (0-36V)
10	5-channel voltage input-	42	21-channel voltage input-
11	6-channel voltage input + (0-36V)	43	22-channel voltage input + (0-36V)
12	6-channel voltage input-	44	22-channel voltage input-
13	7-channel voltage input + (0-36V)	45	23-channel voltage input + (0-36V)
14	7-channel voltage input-	46	23-channel voltage input-
15	8-channel voltage input + (0-36V)	47	24-channel voltage input + (0-36V)
16	8-channel voltage input-	48	24-channel voltage input-
17	9-channel voltage input + (0-36V)	49	25-channel voltage input + (0-36V)
18	9-channel voltage input-	50	25-channel voltage input-
19	10-channel voltage input + (0-36V)	51	26-channel voltage input + (0-36V)
20	10-channel voltage input-	52	26-channel voltage input-
21	11-channel voltage input + (0-36V)	53	27-channel voltage input + (0-36V)
22	11-channel voltage input-	54	27-channel voltage input-
23	12-channel voltage input + (0-36V)	55	28-channel voltage input + (0-36V)
24	12-channel voltage input-	56	28-channel voltage input-
25	13-channel voltage input + (0-36V)	57	29-channel voltage input + (0-36V)
26	13-channel voltage input-	58	29-channel voltage input-
27	14-channel voltage input + (0-36V)	59	30-channel voltage input + (0-36V)
28	14-channel voltage input-	60	30-channel voltage input-
29	15-channel voltage input + (0-36V)	61	31-channel voltage input + (0-36V)
30	15-channel voltage input-	62	31-channel voltage input-
31	16-channel voltage input + (0-36V)	63	32-channel voltage input + (0-36V)
32	16-channel voltage input-	64	32-channel voltage input-

- DB9 Male Pin Definition

RS-485/422 Port	Definition
1	T/R+ (RS-422 Transmit+)
2	T/R- (RS-422 Transmit-)
3	RXD+ (RS-422 Receive+)
4	RXD- (RS-422 Receive-)
5	GND
6, 7, 8, 9	N/C

- RJ45 Interface

10/100M Ethernet	Standard network cable interface
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- Power terminal block

Power terminal block	
1	Ground
2	9-48V(-)
3	9-48V(+) 6W

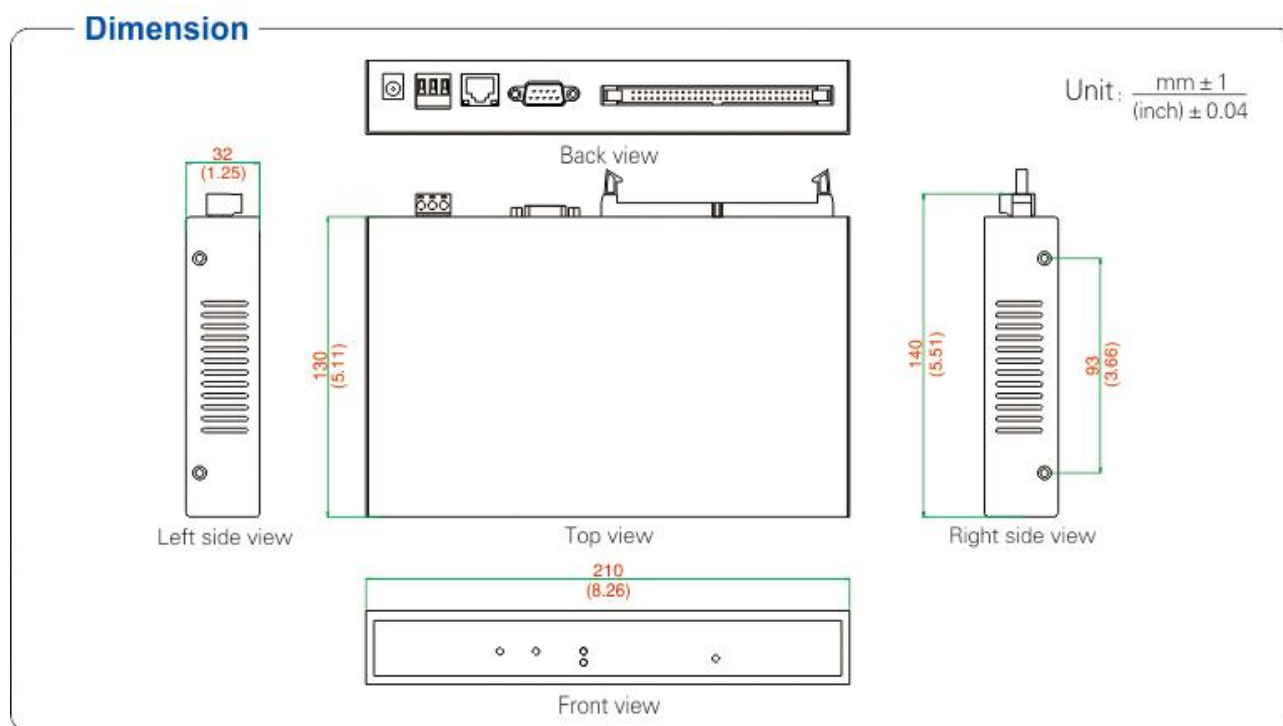
- Power Interface

Power input terminal	9-48V inside positive and outside negative 6W
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5. Product View (Appearance)



6. Structure Dimension



7. Ordering Information

Ordering

Model	Signal/ Interface			Protection level	Baud rate	Operating Environment			Power	
	RS-485/422	LAN	Voltage Acquisition			Temperature		Humidity		
	DB9 Male	RJ-45	Simple Bullhorn			-25~70°C	-40~85°C	5~95%	plug and play	External power
UT-5526	√	√	√	600W Surge	1200bps-19200bps	√		√		9-48VDC