

## Forcom Technology Co., Ltd.

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## USB to RS422/485 with Isolation converter

**Model No.: UTRS201i-3KVD**

### Industrial specification

#### FTDI CHIP

#### Isolation 3000VDC

USB to serial converters from Single chip USB to RS422/485

USB 1.0/1.1 compliant, USB 2.0 Full Speed compatible

12 Mbps USB data rate

Transmit and receive LED drive .

Built-in terminator 120 ohm for DIP switch setting

32 Device Connectivity for RS485 Max.

Serial Interface 1 Port

15 KV ESD protection for all serial ports and RS422/485 signals Surge Protection

Connector: Terminal Block 5P and MINI USB B type

Cable:USB Type A and MINI USB B Type

.Driver Support

Windows 98, 98SE, ME

Windows 2000

Windows XP and XP 64-bit

Windows Vista and Vista 64-bit

Windows Server 2003 and 2003 64-bit

Windows Server 2008 and 2008 64-bit

Windows 7 and 7 64-bit

Mac OS8/9,OS-X

Linux 2.4 and greater

#### Applications

.RS-422/485 communication

.Utility meters

.Industrial process control

.Building automation

.Industrial-controlled Local Area Network

.Industrial PCs and PC peripherals devices

#### Serial Converter

Mode	Asynchronous serial communication
Speed	Up to 460.8kbps
Connector	Terminal Block 5P 5.08mm
Signals	TX+,TX-,RX+,RX- ,SGND
Protection	15KV ESD Protection for all signals RS422/485 signals Surge Protection
Data Bits	7,8
Stop Bits	1,2
Flow Control	RTS/CTS,XON/XOFF
Parity	None,Even,Odd,Space,Mark
IRQ	Assigned by BIOS
FIFO	TX Buffer 128 bytes, RX Buffer 256 bytes
Switch	RS422 Term.Resistor setting
	RS485 Term.Resistor setting
	RS485 Echo/non-Echo selection
	RS422/485 selection

#### Software

Driver Support	Windows 98, 98SE, ME, 2000, Server 2003, XP ,Server 2008, XP 64-bit Windows Vista, Vista 64-bit,Server 2008 R2,Windows 7,Windows 7 X64 Mac OS 8/9, OS-X Linux 2.4 and greater
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#### Hardware

Power Input	MINI USB B type connector
Power Consumption	54mA max
LED	TXD,RXD
Isolation	Optical 3000 VDC max
Dimensions	42.5(W)x22.5(H)94.5(D)mm
Weight	56g

#### Terminal Block PIN Define

	RS422	RS422Multi-Drop/RS485 4W	RS485
1	TX+	TX+	
2	TX-	TX+	
3	RX+	RX+	DATA+
4	RX-	RX-	DATA-
5	SG	SG	SG

#### DIP SW

DIP SW SET	1	2	3	4	
0=OFF,1=ON	0	0	0	x	RS422
	0	0	1	x	RS422
	1	0	1	x	RS485 4W,RS422 Multi Drop
	0	1	0	x	RS485 2W NO ECHO
	0	1	1	x	RS485 2W ECHO
	x	x	x	1	RS422/485 Term.Resistor ON

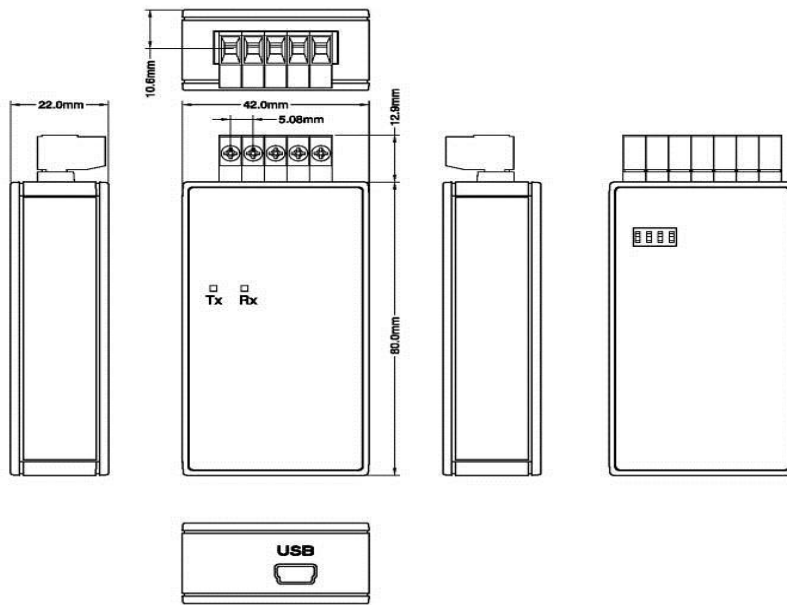
#### Environmental

Operating Temp	-30~75°C
Storage Temp	-40~85°C
Humidity	5~95% Non-Condensing
Case	PC

#### Approvals

CE ,FCC RoHs Compliant

## Dimension



## DIN rail Dimension

