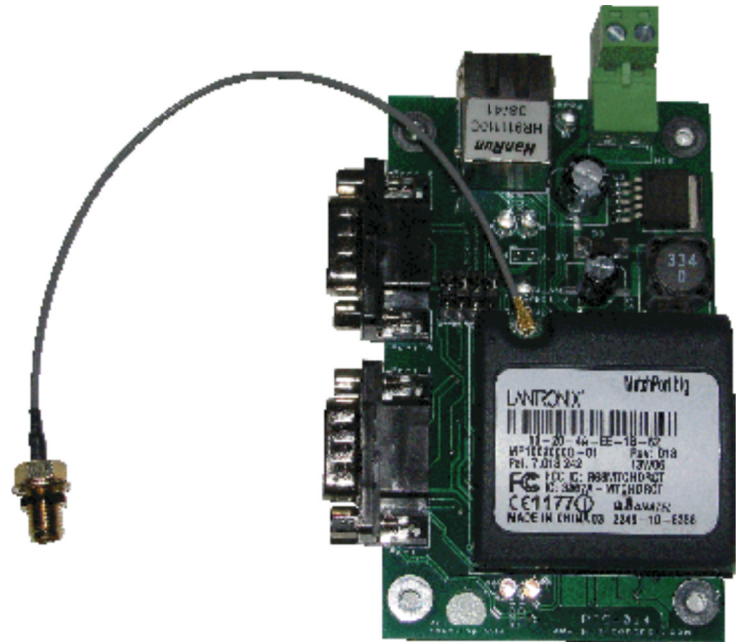




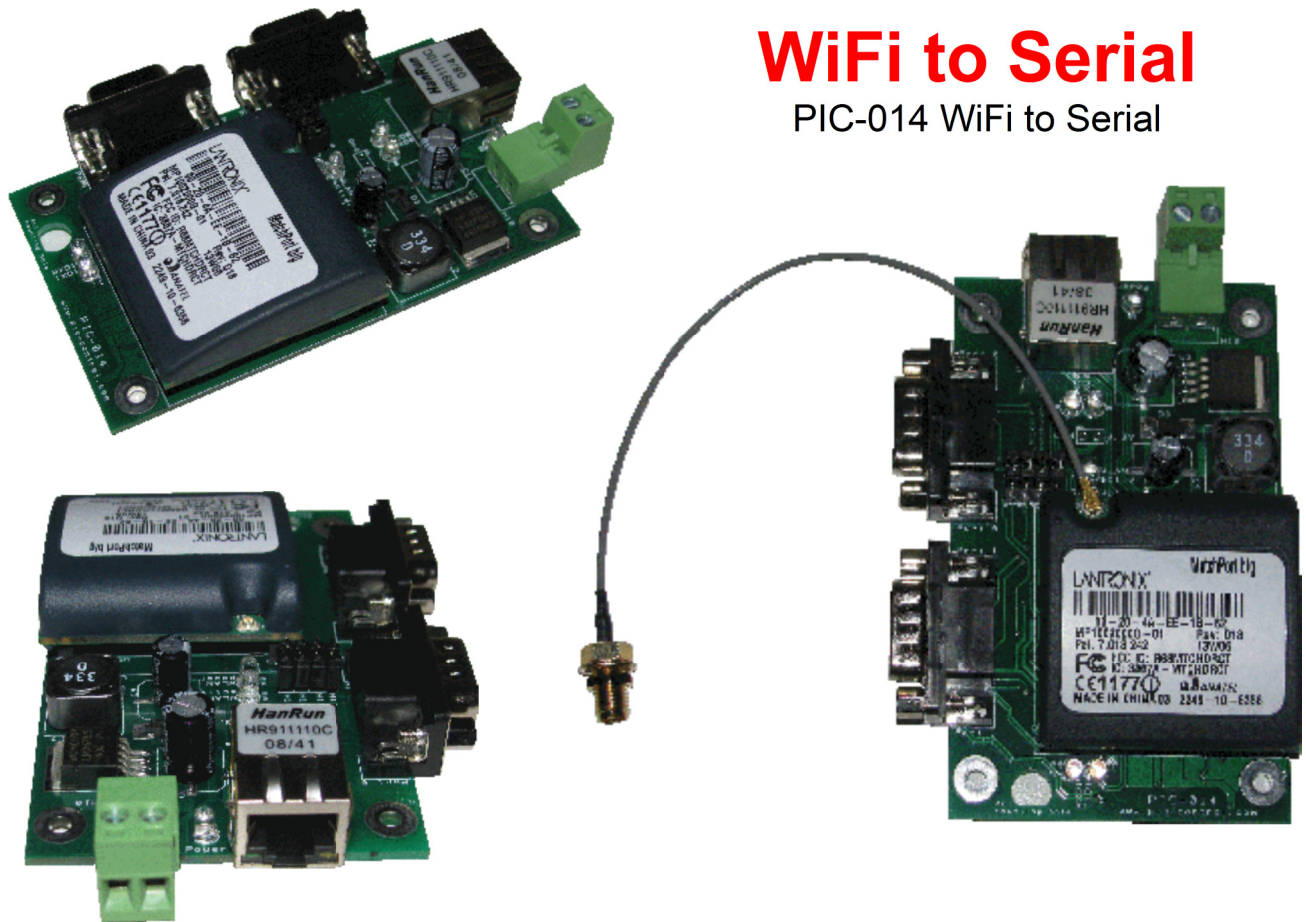
WiFi to Serial

PIC-014 WiFi to Serial



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WiFi to Serial

PIC-014 WiFi to Serial

1. Description

Wireless data communication, WiFi to Ethernet/RS232/RS485/RS422 converter. Product is for data communication conversion. Convert wireless WiFi, to and from the following physical data.

- Ethernet wired
- Port 0 → RS232
- Port 1 → choice of either (RS232 or RS485 or RS422)

2. Features

1. wide input voltage 12V, 13.2V, to 24V.
2. support MatchPort component, footprint for WiPort (obsolete)
3. easy and convenient to deploy on-site with pluggable terminal
4. 1 port RS232
5. 1 port RS232/RS485/RS422
6. 1 port Ethernet wired

3. Available models

Standard version:

S/N	PIC-014 model	Comm port	Input Voltage
1.	PIC-014-232	2x RS232	12V to 24V range
2.	PIC-014-485	1x RS232, 1x RS485	12V to 24V range
3.	PIC-014-422	1x RS232, 1x RS422	12V to 24V range

Note: For input voltage up to 48V or MatchPort version, you can contact us for further information.

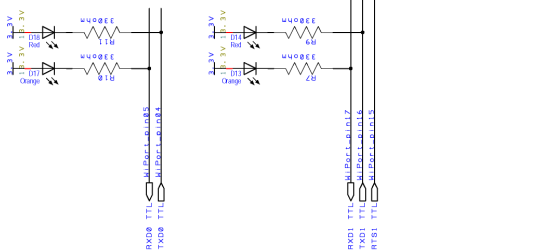
Enhance version:

4.	PIC-014-232e	2x RS232	12V to 48V range
5.	PIC-014-485e	1x RS232, 1x RS485	12V to 48V range
6.	PIC-014-422e	1x RS232, 1x RS422	12V to 48V range

4. DB9 port pin out

Pin out	RS232	RS422	RS485
1.	DCD (Modem Control Input)		
2.	RXD (Data In)	RX+ (Data In)	
3.	TXD (Data Out)	TX- (Data Out)	Data- (B)
4.	DTR (Modem Control Output)		
5.	Common Gnd		
6.			
7.	RTS (HW Flow Control Output)	TX+ (Data Out)	Data+ (A)
8.	CTS (HW Flow Control Input)	RX- (Data In)	
9.	PIC-014-422		

MatchPort b/g Signal (logic)	Jumper Label	Comment
CP2	H15	DTR0 TTL
CP3	H16	DCO0 TTL
CP10	H17	DTR1 TTL
CP4	H18	DCO1 TTL



6. Mechanical Dimension

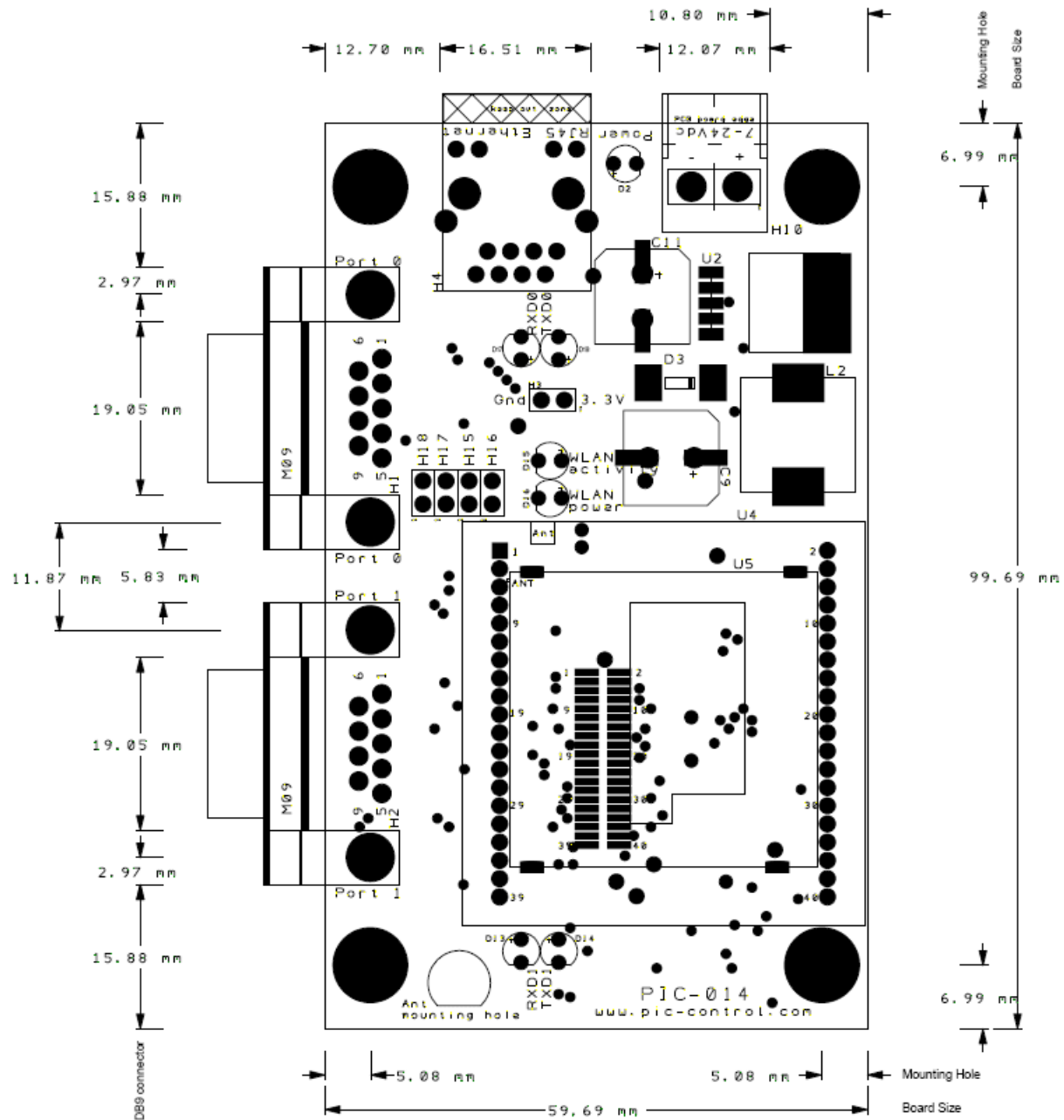


Fig: dimension

7. Specifications & Features

Data Communication		WiFi, Ethernet, RS232, RS485, RS422	
Interface			
	Power Supply	Pluggable screw terminal for voltage IN, and OUT terminal.	
	RS232/RS485/RS422	2x DB9 socket (male)	
	Ethernet	Pluggable screw terminal for voltage IN, and OUT terminal.	
	WiFi antenna	SMA connector	
Power Source			
	Input Voltage	12Vdc to 24Vdc	(standard version)
		Up to 48Vdc	(enhanced version)
	Input Current	---	
	Power	15W, 5W model	
Environment			
	Operating Temperature	-40°C to 70°C	
	Storage Temperature	-45°C to 85°C	
Size		51x 48.3x15.5 mm L x W x H (without screw terminal plug)	
		61x 48.3x15.5 mm L x W x H (with screw terminal plug)	
Weight		100g (±10g)	
Accessories		---	



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