

Wireless solutions & RF modules

www.aurelwireless.com

868 MHz Mesh Network



RFT 868 3V/5V

Radiomodem available both 3/5 V voltage supply for actuators.

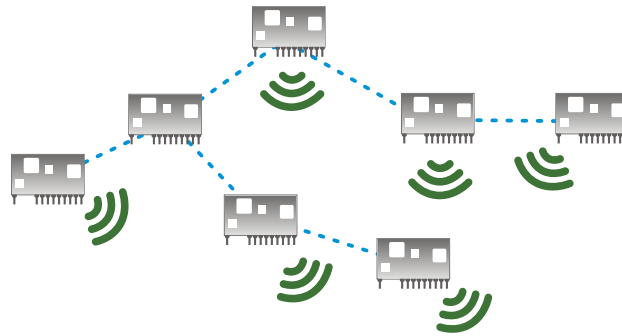
Frequency **868 MHz FSK**
 Power supply **3V / 5V**
 Sensitivity **-103 dBm**
 Out power **+7 dBm**



RFT-868-REP Wall Repeater

Wall repeater is a specific device intended to extend network coverage. It should be powered with 230VAC and it is provided in a small enclosure fitting in every electrical mounting box. It is equipped with a back-up battery able to power the module for 8 hours.

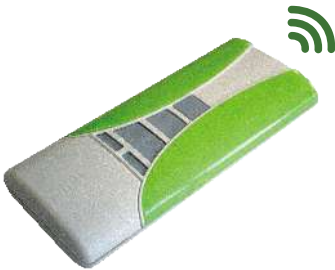
Size: 43.8 x 43.8 x 25 mm



Tablet/Smartphone



RF 868 MHz



RFT-868-5CH

Hand held transmitter for setup & control the local wireless network.
 Size: 120.5 x 53 x 18 mm



RFT-868-USB

The USB dongle equipped with a RFTide serialized module and allows the module itself to be used with PC with no need for further components.
 Size: 78 x 22.5 x 15 mm

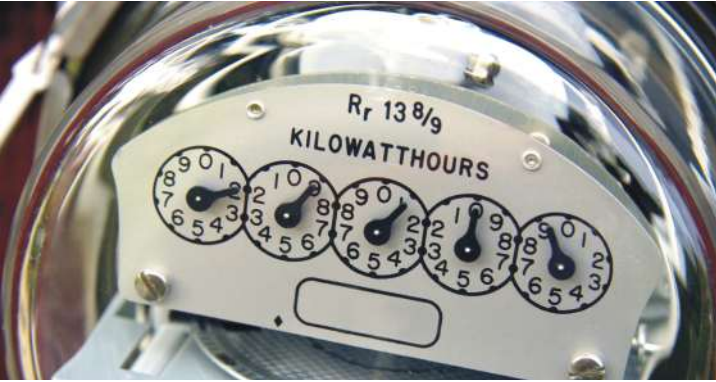


RFT-868-GATEWAY

Gateway for controlling the network via web server. With a standard Wi-Fi infrastructure, all the functionalities can be accessed through a smartphone or a tablet.
 Size: 100.6x73.5x26.5mm



Applications



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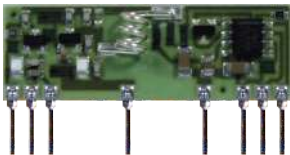
RX	Model Part Number	Type		Modulation		Supply		Frequency		Current Supply mA	Sensitivity dBm	Dimension (HxLxD) mm	Note
		Super- Regenerative	Super- Heterodyne	ASK (AM)	FSK (FM)	3V	5V	434 MHz	868 MHz				

LOW COST

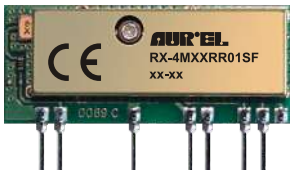


AC-RX2/CS 650201133G	●	●	●	●	2.5	-106	38.1x12.3x5.5	Wide Band
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LOW CONSUMPTION



BC-NB 3V3 650200350G	●	●	●	●	0.4	-99	38.1x13.7x5.5	Wide Band Low Cost 400 µA
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RX-4M30RR01SF 650200590G	●	●	●	●	0.07	-100	40.1x17.5x5.5	Shielded SAW Filtered 70 µA
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RX-4MA2 650200858G	●	●	●	●	0.7	-106	39x15x3	5V SAW Filtered 700 µA
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CLASS 1



RX-CLASS1 869 650201247G	●	●	●	●	40	-115	47.7x20.9x3.7	Narrow Band 869.25 MHz Social Alarms
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RX	Model Part Number	Type		Modulation		Supply		Frequency		Current Supply	Sensitivity	Dimension (HxLxD)	Note
		Super-Regenerative	Super-Heterodyne	ASK (AM)	FSK (FM)	3V	5V	434 MHz	868 MHz				
										mA	dBm	mm	

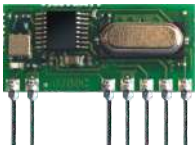
HIGH SENSITIVITY & IMMUNITY



RX-4MM3/F 650201139G	●	●	●	●	7.5	-114	36.3x15x5	Super-Het Output Filter
RX-4MM5/F 650201110G	●	●	●	●	7.5	-114	36.3x15x5	Super-Het Output Filter



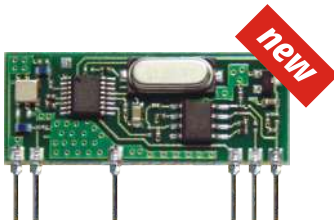
RX-4MM3++/F 650201138G	●	●	●	●	7.5	-113	36.5x15x5	Super-Het SAW Filter Output Filter
RX-4MM5++/F 650201140G	●	●	●	●	7.5	-113	36.5x15x5	Super-Het SAW Filter Output Filter



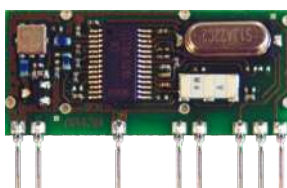
RX-MID 3V 650201034G	●	●	●	●	6	-111	25.4x12.4x4	Tiny Size Super-het SAW Filtered
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RX-4M50RR30SF 650200527G	●	●	●	●	3	-106	40.1x17.5x5.5	Shielded & SAW Filtered
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RX-8ML5/F 650201220G	●	●	●	●	10	-113	36.5x15x4.2	Super-Het Output Filter
RX-8ML5++/F 650201208G	●	●	●	●	10	-113	36.5x15x4.2	Super-Het Output Filter SAW Filter



RX-FM4SF 433.92 650201096G	●	●	●	●	5.6	-105	38x17x4	FSK High Selectivity Super-het
RX-FM4SF 434.15* 650201108G	●	●	●	●	5.6	-105	38x17x4	FSK High Selectivity Super-het
RX-FM8SF 868.30* 650201097G	●	●	●	●	5.6	-105	38x17x4	FSK High Selectivity Super-het

* RX-FM4SF 434.15 (650201108G) - RX-FM8SF 868.30 (650201097G)
Da usare con trasmettitori dual band - To be used with dual band transmitters

TX	Model Part Number	Type		Modulation		Supply		Frequency		Current Supply mA	Output Power dBm	Dimension (HxLxD) mm	Note
		SAW	PLL	ASK (AM)	FSK (FM)	3V	5V	434 MHz	868 MHz				

STANDARD SIZE



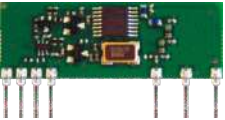
TX-SAW 433 s/Z
650200689G

●	●	●	●	●	●	5	10	38.1x13.2x3	434 MHz ASK 3-5V
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TX-8LAVSA05
650200546G

●	●	●	●	●	●	5	7	38.1x13.7x3	868 MHz ASK 3-5V
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TX-FM 868
650201128G

	●	●	●		●	5	8	33x13.5x3	868 MHz FSK 3V
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TINY SIZE 'MID'



TX-SAW MID 3V/CS
650201131G

●	●	●	●	●	●	3+7	10	25.4x12.5x2.5	434 MHz ASK 3V
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TX-SAW MID 5V/CS
650201132G

●	●	●	●	●	●	3+7	10	25.4x12.5x2.5	434 MHz ASK 5V
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TX-FM-MID
650200926G

	●	●	●	●	●	14	10	25.4x12.4x2.5	434 MHz FSK 3V
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TX-AM 868 MID
650201182G

	●	●	●		●	5	10	25.4x12.4x2.5	868 MHz FSK 3V
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TX-FM 868 MID
650201130G

	●	●	●		●	16	10	25.4x13.5x2.5	868 MHz FSK 3V
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TX	Model Part Number	Type		Modulation		Supply		Frequency		Current Supply	Output Power	Dimension (HxLxD)	Note
		SAW	PLL	ASK (AM)	FSK (FM)	3V	5V	434 MHz	868 MHz				
										mA	dBm	mm	
	TX-4M10HA 650200819G	●		●		●		●		25	10	56x18.5x10	434 MHz ASK
	TX-4M10HA/V 650200834G	●		●		●		●		25	10	56x18.5x10	434 MHz ASK Vertical Pin
	TX-8L25IA 650200846G	●		●		●		●		25	14	56x18.5x10	868 MHz ASK TX SAW
	TX-8L25IA/V 650200847G	●		●		●		●		25	14	56x18.5x10	868 MHz ASK Vertical Pin

Single Channel Transceivers

RTX	Model Part Number	Modulation		Supply		Frequency		Sensitivity	Current Supply	Output Power	Dimension (HxLxD)	Note
		ASK (AM)	FSK (FM)	3V	5V	434 MHz	868 MHz					
								dBm	mA	mW	mm	
	RTX MID 3V 650201033G	●		●		●		-110	7 RX 15 TX 1µA	10	25.4x12.5x2.5	434 MHz ASK Tiny Size 3V
	RTX MID 5V 650201044G	●			●	●		-110	7 RX 15 TX 1µA	10	25.4x12.5x2.5	434 MHz ASK Tiny Size 5V
	RTX MID 868 OOK 650201259G	●		●		●		-108	20 AM 29 FM 1µA	10	26x17.2x3.2	868 MHz ASK Tiny Size
	RTX MID 868 FSK 650201258G		●	●		●		-109	20 AM 29 FM 1µA	10	26x17.2x3.2	868 MHz FSK Tiny Size

Model Part Number	Modulation		Supply		Frequency			Sensitivity dBm	Current Supply mA	Output Power mW	Dimension (HxLxD) mm	Note
	ASK (AM)	FSK (FM)	3V	5V	434 MHz	868 MHz	2.4 GHz					
	RTX											
 XTR-7020A-4 650200925G	●	●			●			26 Rx 31 Tx 18 µA	10	33x23x8	10 Chs µP embedded	
XTR-7020A-8 650200998G	●	●			●			26 Rx 31 Tx 18 µA	10	33x23x8	7 Chs µP embedded	
 WIZ-7020A-4 650200960G	●		●	●				36 Rx 45 Tx	3	68x48x10	10 Chs Radio Modem	
WIZ-7020A-8 650200999G	●		●	●				36 Rx 45 Tx	3	68x48x10	7Chs Radio Modem	
 XTR VF 2.4 LP 6502001025G	●	●					●	-93 21 Rx 34 Tx 0.8 µA	2	32x25x5	Very Fast (1Mbps) Low Power 78 CHs	
 XTR VF 2.4 PA-LNA HAI 650201204G	●	●					●	-100 31 Rx 100 Tx 2 µA	20	32 x 25 x 5	High Power Very Fast 78 CHs	
Available with external antenna (XTR VF 2.4 PA-LNA HAE - 650201203G)												
 XTR RF4CE 650201261G	●	●					●	-89	25	3	49x25x7	Compatible with RF4CE standard

Demo Boards

Model Part Number	Modulation		Supply		Frequency		Sensitivity dBm	Current Supply mA	Output Power mW	Dimension (HxLxD) mm	Note
	ASK (AM)	FSK (FM)	3V	5V	868 MHz	2.4 GHz					
	Demo										
 DEMO XTR VF 2.4 LP 650201051G	●		●		●		-93	24 RX 38 TX	2	61x68x40	4 Chs RS232 19.2 Kbps
DEMO XTR VF 2.4 PA LNA 650201225G	●		●		●		-100	34 RX 104 TX	20	61x68x40	4 Chs RS232 19.2 Kbps

HCS Keyfobs, Receivers, Decoders

Model Part Number	Type		Modulation		Supply		Frequency		Current Supply	Sensitivity	Dimension (HxLxD)	Note
	Super-Regenerative	Super-Heterodyne	ASK (AM)	FSK (FM)	5V	12V	434 MHz	868 MHz	mA	dBm	mm	
RX-4M HCS 650200997G	●	●	●	●	●	●	●	3	-106	39x17.5x5	4 Open collector Output	
RX-4M HCS 4B 650201036G	●	●	●	●	●	●	●	3	-106	39x17.5x5	4 Binary Output	
HCS-DEC 1 650201009G			●		●	●	●	66 ac 52 dc	-100	65x45x18	1CH 434 MHz Decoder Board	
HCS-DEC 2 650201014G			●		●	●	●	66 ac 52 dc	-100	65x45x18	2CH 434 MHz Decoder Board	
HCS-DEC 4 650200994G			●		●	●	●	66 ac 52 dc	-100	65x45x18	4CH 434 MHz Decoder Board	



Model Part Number	Modulation		Supply		Frequency		Current Supply	Output Power	Dimension (HxLxD)	Note
	ASK (AM)	FSK (FM)	3V	12V	434 MHz	868 MHz	mA	mW	mm	
HCS TX1/2/3 650200693G 650200683G 650200684G	●	●	●	●	●	●	10	0.5	54x43x11	ASK 1/3Ch Keyfob 434 MHz
HCS FM TX1/2/3 650200903G 650200791G 650200904G		●	●	●	●	●	10	0.5	54x43x11	FSK 1/3Ch Keyfob 434 MHz
HCS TX1/2/3 868 650200910G 650200714G 650200891G	●	●	●	●	●	●	10	0.5	54x43x11	ASK 1/3Ch Keyfob 868 MHz
HCS FM TX1/2/3 868 650200864G 650200863G 650200862G		●	●	●	●	●	10	0.5	54x43x11	FSK 1/3Ch Keyfob 868 MHz



'OVO' CASE

I codici P.N. si riferiscono a telecomandi programmati con codice AUREL
Above P.N. refer to keyfobs programmed with AUREL manufacturer code

HCS Keyfobs

Model Part Number	Modulation		Supply		Frequency		Current Supply	Output Power	Dimension (HxLxD)	Note
	ASK (AM)	FSK (FM)	3V	12V	434 MHz	868 MHz				
							mA	mW	mm	



'HCS' CASE

TX1/2/3 HCS 433-A 650200765G 650200808G 650200759G	●			●	●		10	0.5	56.5x35x13.5	ASK 1/2/3Ch 434 MHz
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'M' CASE

TX 2/4/6M HCS 650200900G 650200901G 650200828G	●			●	●		15	1	75x40x16	ASK 2/4/6Ch 434 MHz
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TX 2/4/6M HCS 868 650201142G 650201143G 650201144G		●		●	●		16	1	75x40x16	FSK 2/4/6Ch 868 MHz
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'12CH' CASE

TX 12CH EVO 650201226G	●		●		●		10	1	85.5x54x10.5	ASK 12Ch 434 MHz
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'KEY' CASE

TX KEY 15 650201297G	●		●		●		40	10	169x75x32	ASK 15Ch 434 MHz High Power
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I codici sopra si riferiscono a telecomandi programmati con codice AUREL
Above P.N. refer to keyfobs programmed with AUREL manufacturer code

Cloner

Model Part Number	Modulation		Supply		Frequency		Current Supply	Output Power	Dimension (HxLxD)	Note
	ASK (AM)	FSK (FM)	3V	12V	434 MHz	868 MHz				
							mA	mW	mm	



'M' CASE

TX 4M CP 650201289G	●			●	●		10	1.2	75x40x16	Universal Remote Cloner
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HT12E Keyfobs

HT12E	Model Part Number	Modulation		Supply		Frequency		Current Supply	Output Power	Dimension (HxLxD)	Note
		ASK (AM)	FSK (FM)	3V	12V	434 MHz	868 MHz				
								mA	mW	mm	



'TX' CASE



'C' CASE

TX12E 1TK 650201000G	●		●	●			10	1	65.5x37x15	ASK 1Ch Keyfob
TX12E 2TK 650201001G	●		●	●			10	1	65.5x37x15	ASK 2Ch Keyfob
TX12E 1C SAW433 650200919G	●		●	●			7	1	75x44x8.5	ASK 1Ch Keyfob
TX12E 2C SAW433 650200918G	●		●	●			7	1	75x44x8.5	ASK 2Ch Keyfob
TX12E 4C SAW433 650200917G	●		●	●			7	1	75x44x8.5	ASK 4Ch Keyfob

145026 Keyfobs

145026	Model Part Number	Modulation		Supply		Frequency		Current Supply	Output Power	Dimension (HxLxD)	Note
		ASK (AM)	FSK (FM)	5V	12V	434 MHz	868 MHz				
								mA	mW	mm	



'TK' CASE

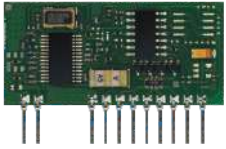


'C' CASE

TX 1TK SAW433 650200134G	●		●	●			10	1	65.5x37x15	ASK 1Ch Keyfob
TX 2TK SAW433 650200135G	●		●	●			10	1	65.5x37x15	ASK 2Ch Keyfob
TX 1C 5026 650200463G	●		●	●			10	1	75x44x8.5	ASK 1Ch Keyfob
TX 2C 5026 650200444G	●		●	●			10	1	75x44x8.5	ASK 2Ch Keyfob
TX 4C 5026 650200462G	●		●	●			10	1	75x44x8.5	ASK 4Ch Keyfob

Low Power Receiver & Keyfobs

Model Part Number	Modulation		Supply		Frequency		Current Supply	Sensitivity	Output Power	Dimension (HxLxD)	Note
	ASK (AM)	FSK (FM)	3V	5V	434 MHz	868 MHz					
	mA	dBm	mW	mm							
RX 4M μP/LP 650201168G	●		●		●		0.1	-114		41x20x3	Low Power (100 μ A) μ P embedded
TX 2M μP/LP 650201165G	●		●		●		10		0.5	75x40x16	ASK 434 Keyfob 2Ch μ P embedded
TX 4M μP/LP 650201166G	●		●		●		10		0.5	75x40x16	ASK 434 Keyfob 4Ch μ P embedded



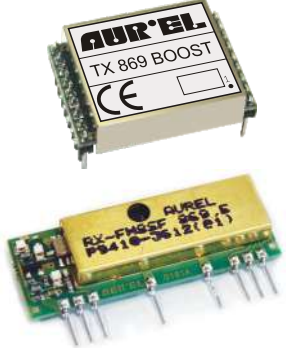
Sensors

Model Part Number	Modulation		Supply		Frequency		Current Supply	ERP	PIR Coverage	Dimension (HxLxD)	Note
	ASK (AM)	FSK (FM)	3V	5V	434 MHz	868 MHz					
	mA	mW	mt	mm							
SIR 2008 HCS/HT12E 650201090G	●		●		●		9 Tx 13 μ A	1	8+20	120x60x45	PIR Detector Encoder HCS/HT12E
SIR 2008 HCS/5026 650201107G	●		●		●		9 Tx 13 μ A	1	8+20	120x60x45	PIR Detector Encoder HCS/145026
MAGCON HCS 650201296G	●		●		●		15 Tx 5 μ A	2		70.4x33.6x17.4	Magnetic Contact HCS encoder
MAGCON 5026 650201295G	●		●		●		15 Tx 5 μ A	2		70.4x33.6x17.4	Magnetic Contact 145026 encoder



High Power Receivers & Transmitters

Model Part Number	Modulation		Supply		Frequency		Current Supply mA	Sensitivity dBm	Output Power mW	Dimension (HxLxD) mm	Note
	ASK (AM)	FSK (FM)	3V	5V	434 MHz	868 MHz					
	Boost										
TX 869 BOOST 650201088G	●		●		●		420	+27	500	33x23x8	869.50 MHz TX 500 mW
RX FM8SF 869.50 650201109G	●		●		●		5.6	-111		45x17.2x8.5	869.50 MHz High Sensitivity (-111dBm)



Long Range Demoboards

DEMO TX BOOST 869

650201134G

Insieme alla DEMO RX BOOST 869 può essere usata per provare le distanze sul campo e il funzionamento generale del nuovo trasmettitore a 500 mW prodotto in accordo con le Normative Europee.

With related DEMO RX BOOST 869 can be used to field test distance and performance of the new 500mW European compliant transmitter. Portability assured from battery operation.



DEMO RX BOOST 869

650201135G

Insieme alla DEMO TX BOOST 869 può essere usata per provare le distanze sul campo e il funzionamento generale del nuovo trasmettitore a 500 mW prodotto in accordo con le Normative Europee.

With related DEMO TX BOOST 869 can be used to field test distance and performance of the new 500 mW European compliant transmitter. Four relays at receiver card are controlled from four push buttons at transmitter.



Dual Band Transmitters

Model Part Number	Type		Modulation		Supply		Frequency		Current Supply mA	Output Power mW	Dimension (HxLxD) mm	Note
	SAW	PLL	ASK (AM)	FSK (FM)	3V	5V	434 MHz	868 MHz				
	Dual Band											
TX FM 434/868 * 650201089G	●		●		●		●	●	38	6	33x14x2.5	434/868 MHz FSK SAW
* To be used with RX-FM4SF 434.15 (650201108G) and RX-FM8SF 868.30 (650201097G)												
TX FM 434/868 MID * 650201129G	●		●		●		●	●	38	6	25.4x14.3x2.5	434/868 MHz FSK SAW MID
* To be used with RX-FM4SF 434.15 (650201108G) and RX-FM8SF 868.30 (650201097G)												



Dual Band Demoboards

DEMO TX FM 434/868 MID

650201136G



DEMO RX FM 434/868

650201137G



2.4 Ghz ZigBee Pro modules

Basso Consumo / Low Power

Moduli ad alta efficienza (**XTR-ZBPRO-RLI**) e ad alta potenza (**XTR-ZBPRO-RHI**) per copertura ottimale anche di vaste superfici.

Interfaccia operativa su PC mediante OCX che può essere integrato da un programma ad alto livello (Visual Basic, Visual C, Java ecc) del cliente consentendo la gestione dell'intera rete.

Software applicativo in Visual Basic per l'utilizzo del componente OCX Aurel che dimostra la creazione, la gestione e la diagnostica della rete utilizzando solo comandi ad alto livello senza necessità di conoscere dettagli specifici propri della rete.

Scambio dati di tipo Mesh fra dispositivi della rete mediante l'utilizzo di sole stringhe ASCII con indirizzo più dati.

Possibilità di blocco della rete una volta formata e attivata con certezza del controllo di tutti i componenti anche in presenza di reti ZigBee contigue.

Set di comandi mediante stringhe ASCII per l'utilizzo a basso livello dei moduli.

High efficiency (**XTR-ZBPRO-RLI**) and high power (**XTR-ZBPRO-RHI**) modules for best coverage of wide areas.

PC operative interface through OCX file which can be easily embedded into the customer high level language program (Visual Basic, Visual C, Java, etc..) allowing the convenient network handling.

Application software in Visual Basic language for usage of Aurel OCX component which shows how to create, manage and monitor the network by means of high level commands without needing any further pieces of information regarding the network itself.

Mesh-type data transmission among network nodes by utilizing only ASCII strings made up of address+data format.

Possibility to lock the network once it is built up and working, allowing the highest control even in presence of other nearby Zigbee networks.

Commands set by ASCII strings for low level module usage.

www.aurel-zigbee.com



new

XTR-ZBPRO-CLI P.N. 650201290G

XTR-ZBPRO-RLI P.N. 650201291G

Alta Potenza / High Power



new

XTR-ZBPRO-CHE P.N. 650201292G

XTR-ZBPRO-RHE P.N. 650201293G

Applicazioni ZigBee / ZigBee Applications



DOMOTICA

Automatizzazione porte/finestre
Risparmio energetico
Illuminazione e irrigazione giardini
Gestione sicurezza casa

HOME AUTOMATION

Windows & door automation
Energy management
Lighting & garden irrigation
Home security



AUTOMAZIONE EDIFICI

Monitoraggio ambientale
Telelettura contatori
Gestione clima centralizzato
Controllo accessi e movimenti

BUILDING AUTOMATION

Environmental monitoring
Lighting monitoring
Access & movement control
Automatic smoke & CO detectors



SALUTE & BENESSERE

Monitoraggio pazienti
Controllo apparecchi ospedalieri
Controllo centri fitness

HEALTHCARE

Patient monitoring
Medical devices control
Fitness center management



ELETTRONICA & PC

Interfacce di comunicazione
Gestione periferiche
Scambio dati

CONSUMER ELECTRONICS

Peripherals management
Data exchange



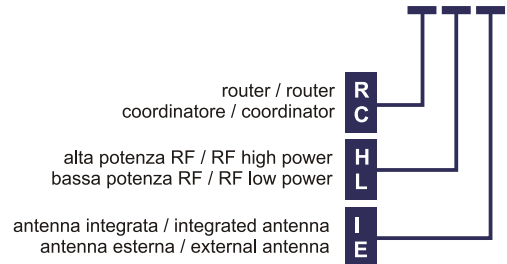
AUTOMAZIONE INDUSTRIALE

Gestione consumi energetici
Controllo accessi e processi
Localizzazione merci
Reti di sensori
Acquisizione dati remota

INDUSTRIAL AUTOMATION

Remote data control
Sensors networks
Access control
Production management

X T R - Z B P R O - x x x



Kit Sviluppo / Development Kit

Kit ZigBee Pro/5L P.N. 650201300G **Low power modules**

Kit ZigBee Pro/5H P.N. 650201301G **High power modules**



Accessori / Accessories

RP SMA 2.4 P.N. 650201098G

Compatibile con / Compatible with
XTR-ZBPRO-CHE, XTR-ZBPRO-RHE



ANT	Model Part Number	Type		Frequency			Impedance Ohm	Dimension (HxLxD) mm	Note
		Ground Plane	Stylus	434 MHz	868 MHz	2.4 GHz			



ANT. AS 433 650200596G			●	●			50	34x170	Outdoor vertical Antenna
ANT. AS 868 650200597G			●		●		50	34x90	Outdoor vertical Antenna



ANT. GP 433 650200313G	●			●			50	110x255	Ground Plane Antenna
ANT. GP 868 650200599G	●				●		50	190x460	Ground Plane Antenna



ANT. T 650200442G		●		●			50	10x90	Flexible Stylus Antenna
ANT. T-A 650200448G		●		●			50	10x90	Flexible Stylus Antenna
ANT. T/8 650200607G		●			●		50	10x90	Flexible Stylus Antenna
ANT. T8/A 650200608G		●			●		50	10x90	Flexible Stylus Antenna



ANT. RP SMA 2.4 650201098G			●			●	50	10x108	2.4 GHz Antenna
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ELECTRONIC MANUFACTURING SERVICES

Presentazione

AUREL vi può offrire: assistenza al progetto, sicurezza di un prodotto di qualità ed un eccellente servizio di supporto post-vendita.

Un gruppo di specialisti dedicati alle attività di progetto è in grado di offrire assistenza sulla tecnologia dei circuiti ibridi a Thick Film ed SMD, per assicurare un completo servizio di progettazione personalizzata.

Missione

AUREL ritiene che la crescita aziendale sia possibile solo dedicandosi alla qualità ed al servizio per il cliente.

Il gruppo AUREL ha la stabilità finanziaria per investire nella ricerca e nello sviluppo, assicurandosi il mantenimento della leadership tecnologica, che rappresenta la chiave del proprio continuo successo.

AUREL ha due linee di prodotti, sviluppati e prodotti dalla divisione Microelettronica e Radiofrequenza.

Ricerca e Sviluppo

Le produzioni AUREL derivano come naturale conseguenza dall'attività di ricerca specifica, con rigoroso rispetto dei parametri imposti dalla necessità di fornire sempre prodotti innovativi.

Il grosso impegno e la quantità d'investimenti profusi nella ricerca e nella tecnologia sono le ragioni principali del successo di AUREL.

Tecnologie

SMT

Controlli industriali, Strumentazione portatile, Telecomunicazioni.

THICK FILM & COB

Sensori, Automotive, Telecomunicazioni, Avionica, Biomedicale, Ricerca.

IMS

Automotive, Controllo motori, Saldatrici, Motori elettrici, Lighting.

PES

Elementi riscaldanti, Resistori di potenza.

Overview

AUREL can offer you: design assistance, quality assurance and excellent support service.

A dedicated team of design experts offers an efficient answer to both experienced and inexperienced hybrid users and a comprehensive custom design service.

Mission

AUREL believes in growth through dedication to customer service and quality.

AUREL has the financial stability to provide investment for research and development, insuring that it maintains the technological leadership which is central to its continuing success.

AUREL has two main line of products: Microelectronic dpt and Wireless dpt.

Research & Development

AUREL's production is the natural consequence of dedicated research performed with rigorous respect for the parameters dictated by the need to provide innovative products.

A strong commitment and investment in research and development are the main reasons for AUREL's success.

Technologies

SMT

Industrial controls, Hand-held equipments, Telecom.

THICK FILM & COB

Sensors, Automotive, Telecom, Avionics, Biomedical, Research.

IMS

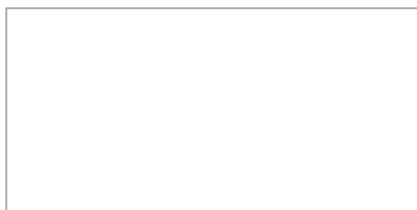
Automotive, Motor control, Welding machines, Electrical motor, Lighting.

PES

Heaters, Power resistors.



Seguici su:



Rivenditore/Reseller

AUREL

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