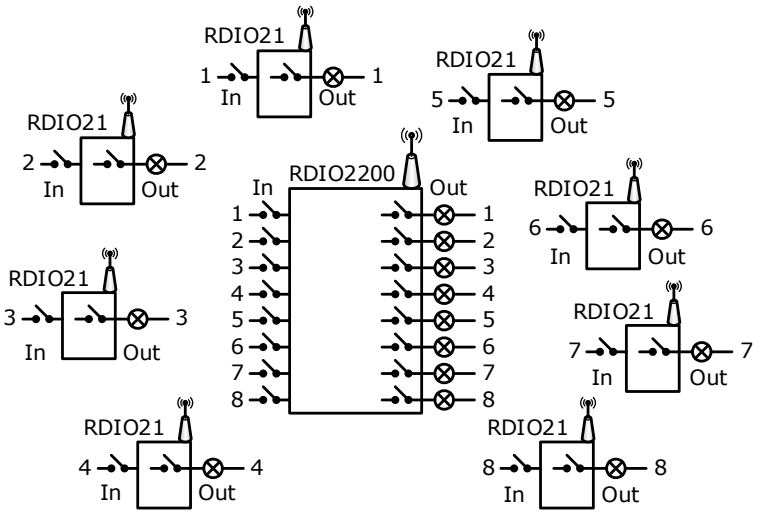
Remote Wireless Switch (Type A)
RDIO2200

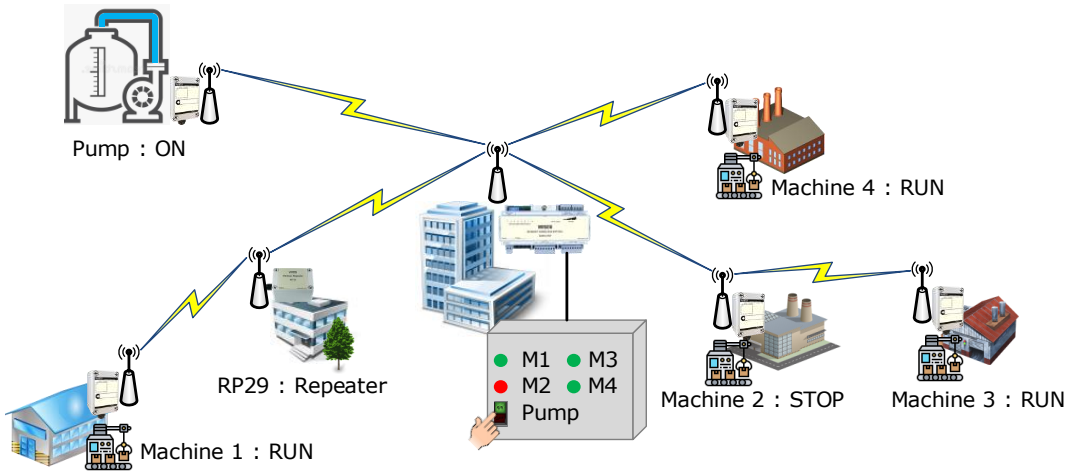
- Control 8 Digital Input/Output
- Support 8 Device Endpoints
- Long Distance 700 m.
  (With Antenna Gain > 8 dbi)
- No Wiring (RF Link)

Remote Wireless Switch RDIO2200 เป็นอุปกรณ์ที่ใช้ควบคุม Switch เพื่อ ปิด-เปิด อุปกรณ์ไฟฟ้าซึ่งอยู่ในระยะไกลผ่านทางสัญญาณวิทยุ ช่วยให้ประหยัดค่าใช้จ่ายในการเดินสายและติดตั้ง



ในระบบนี้ประกอบด้วย RDIO2200 ใช้สำหรับรับสัญญาณ Digital Input เข้ามาและส่งไปควบคุม Digital Output ของ RDIO21 ที่อยู่ปลายทาง ขณะเดียวกันสัญญาณ Digital Input ที่รับเข้ามายัง RDIO21 นั้น ก็จะถูกส่งกลับมาควบคุม Digital Output ของ RDIO2200 เช่นกัน

การทำงานของ RDIO2200 คือ เมื่อ RDIO2200 ตัวต้นทาง Input ช่อง Di1 "ON" ทำให้ RDIO21 ตัวปลายทาง Output "ON" หลอดไฟ Status จะกระพริบเมื่อสามารถติดต่อกับอุปกรณ์ปลายทางได้ และจะดับถ้าไม่สามารถติดต่อกับอุปกรณ์ได้



Wisnu and Supak Co., Ltd 102/111-112 Tessabansongkroh Rd., Ladyao, Jatujak, Bangkok 10900
Tel (662)591-1916, (662)954-3280-1, Fax (662)580-4427, www.wisco.co.th, E-mail info@wisco.co.th

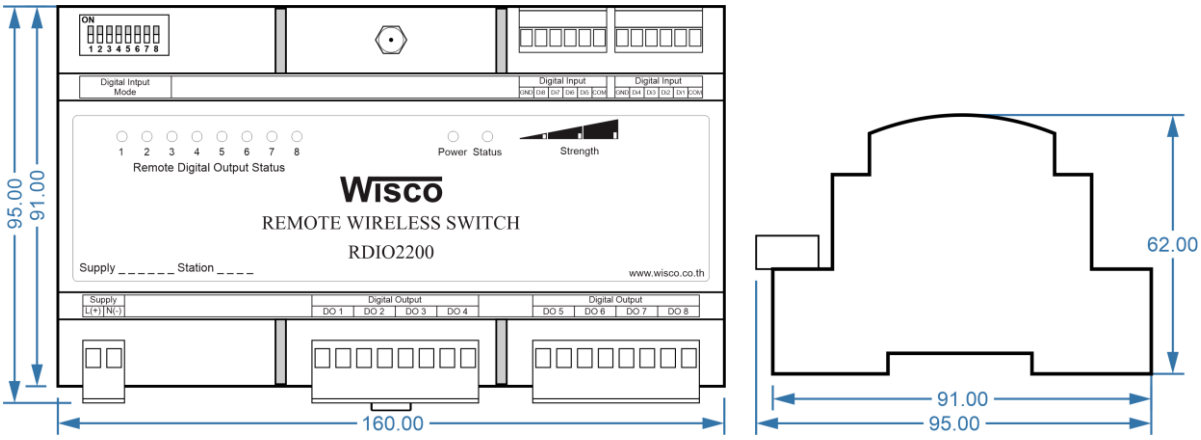
Specifications	RDIO2200	RDIO21
		
	- Control 8 Channels Digital Input/Output - Output Relay Contact - Long Distance 700 m. - Mounting DIN Rail	- Control 1 Channel Digital Input/Output - Output Relay Contact - Long Distance 700 m.
Wireless Interface		
Frequency Band:	2.4 GHz	2.4 GHz
Rx Sensitivity:	-102 dBm	-102 dBm
Tx Power:	+18 dBm (Max)	+18 dBm (Max)
Transmission Distance:	Up to 90 m. Indoor/Urban	Up to 90 m. Indoor/Urban
	Up to 700 m. Outdoor RF Line-of-Sight (With Antenna Gain > 8 dBi)	Up to 700 m. Outdoor RF Line-of-Sight (With Antenna Gain > 8 dBi)
Antenna Connector:	RP-SMA, Jack/Female	RP-SMA, Jack/Female
Digital Input		
Number of Channel:	8 Channels	1 Channel
Sensor Type:	Wet Contact or Dry Contact	Wet Contact or Dry Contact
Wet Contact (DI to COM):	ON : 12 to 24 VDC OFF : 0 VDC	ON : 12 to 24 VDC OFF : 0 VDC
Dry Contact (DI to GND):	ON : Short to GND OFF : Open	ON : Short to GND OFF : Open
Isolation:	Opto Isolated	Opto Isolated
Relay Output		
Number of Channel:	8 Channels	1 Channel
Relay Type:	N.O.	N.O.
Contact Rating:	5 A @ 250 VAC 5 A @ 30 VDC	5 A @ 250 VAC 5 A @ 30 VDC
Power Requirements		
Power Supply:	85 to 230 VAC (12 to 35 VDC Optional)	12 to 35 VDC
Power Consumptions		
Operate:	-	65 to 100 mA (Max.) @ 12 VDC
Environmental Limits		
Operating Temperature:	0 to 55 °C	0 to 55 °C
Operating Humidity:	5 to 95% RH	5 to 95% RH
Storage Temperature:	0 to 70 °C	0 to 70 °C
Physical Characteristics		
Dimension:	W160 x H91 x D62 mm.	W115 x H65 x D56 mm.
Mounting:	DIN Rail	-
Warranty		
Warranty Period:	5 Year	5 Year

บริษัท วิศณุและสุภัค จำกัด 102/111-112 หมู่บ้านสินพัฒนาธานี ถนนเทศบาลสงเคราะห์ แขวงลาดยาว เขตจตุจักร กรุงเทพฯ 10900
โทร. (02)591-1916, (02)954-3280-1, แฟกซ์ (02)580-4427, www.wisco.co.th, อีเมล์ info@wisco.co.th

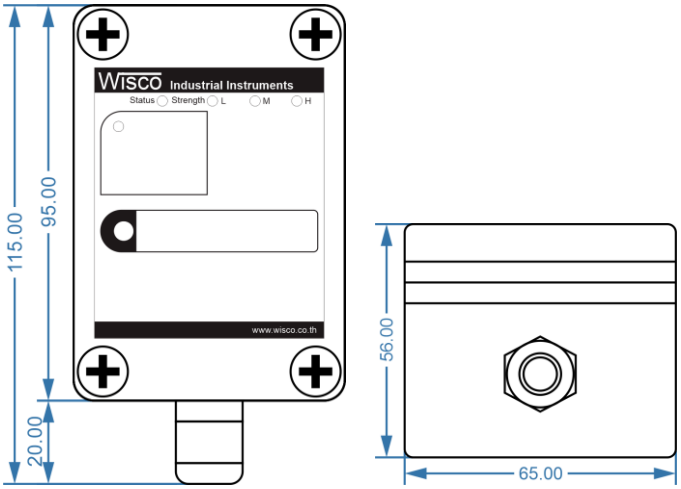
Model:	RDIO2200	RDIO21
Ordering Information:	Specify Power Supply	-
Example:	RDIO2200/85-230VAC	RDIO21
Package Checklist:	1. RDIO2200	1. RDIO21

*****Note: The Packet Not Include Antenna**

Dimension: (Unit: mm.)
RDIO2200

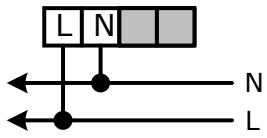


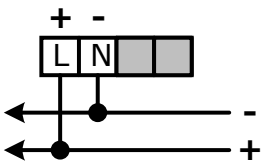
RDIO21

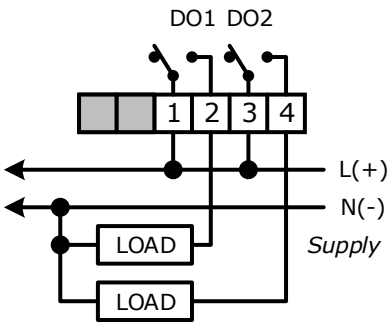


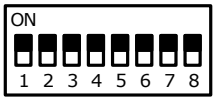
Wisnu and Supak Co., Ltd 102/111-112 Tessabansongkroh Rd., Ladyao, Jatujak, Bangkok 10900
Tel (662)591-1916, (662)954-3280-1, Fax (662)580-4427, www.wisco.co.th, E-mail info@wisco.co.th

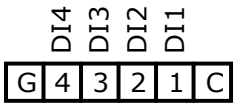
Wiring

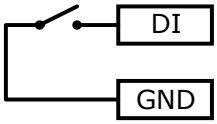
<table>
<tr><th colspan="2">Model: RDIO2200</th></tr>
<tr><td>Supply
 

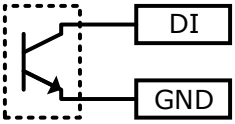
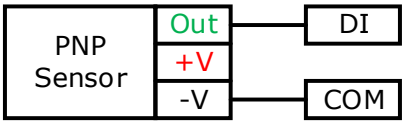
85 to 230 VAC
 

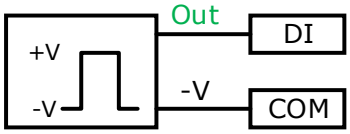
12 to 35 VDC Optional</td><td>Digital Output
 

Example Wiring Output Channel 1, 2</td></tr>
<tr><td>DIP Switch (Digital Input Mode)
 

ON = Momentary
OFF = Toggle</td><td>Digital Input
 

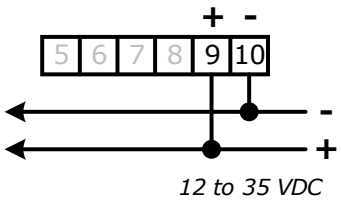
G = GND
C = COM
DI = Digital Input</td></tr>
<tr><td>DI: Dry Contact
 

DI: NPN Open Collector
 
</td><td>DI: Wet Contact (PNP Output)
 

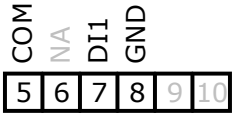
DI: Wet Contact or D.C. Pulse
 
</td></tr>
</table>

Model: RDIO21

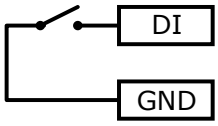
Supply



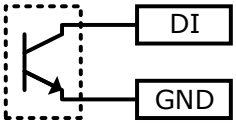
Digital Input



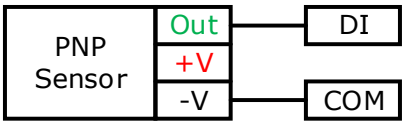
DI: *Dry Contact*



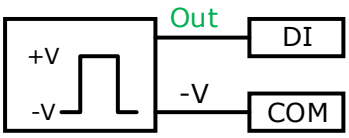
DI: *NPN Open Collector*



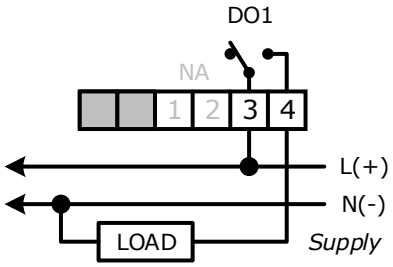
DI: *Wet Contact (PNP Output)*



DI: *Wet Contact or D.C. Pulse*



Digital Output



DIP Switch

Remote Digital I/O Channel (DIP S1-S3)

I/O Channel	S1	S2	S3
1	OFF	OFF	OFF
2	ON	OFF	OFF
3	OFF	ON	OFF
4	ON	ON	OFF
5	OFF	OFF	ON
6	ON	OFF	ON
7	OFF	ON	ON
8	ON	ON	ON

Digital Input Mode

S4 (DI1)	OFF	Toggle
	ON	Momentary

Wisnu and Supak Co., Ltd 102/111-112 Tessabansongkroh Rd., Ladyao, Jatujak, Bangkok 10900

Tel (662)591-1916, (662)954-3280-1, Fax (662)580-4427, www.wisco.co.th, E-mail info@wisco.co.th