UNIVERSAL RTS INTERFACE
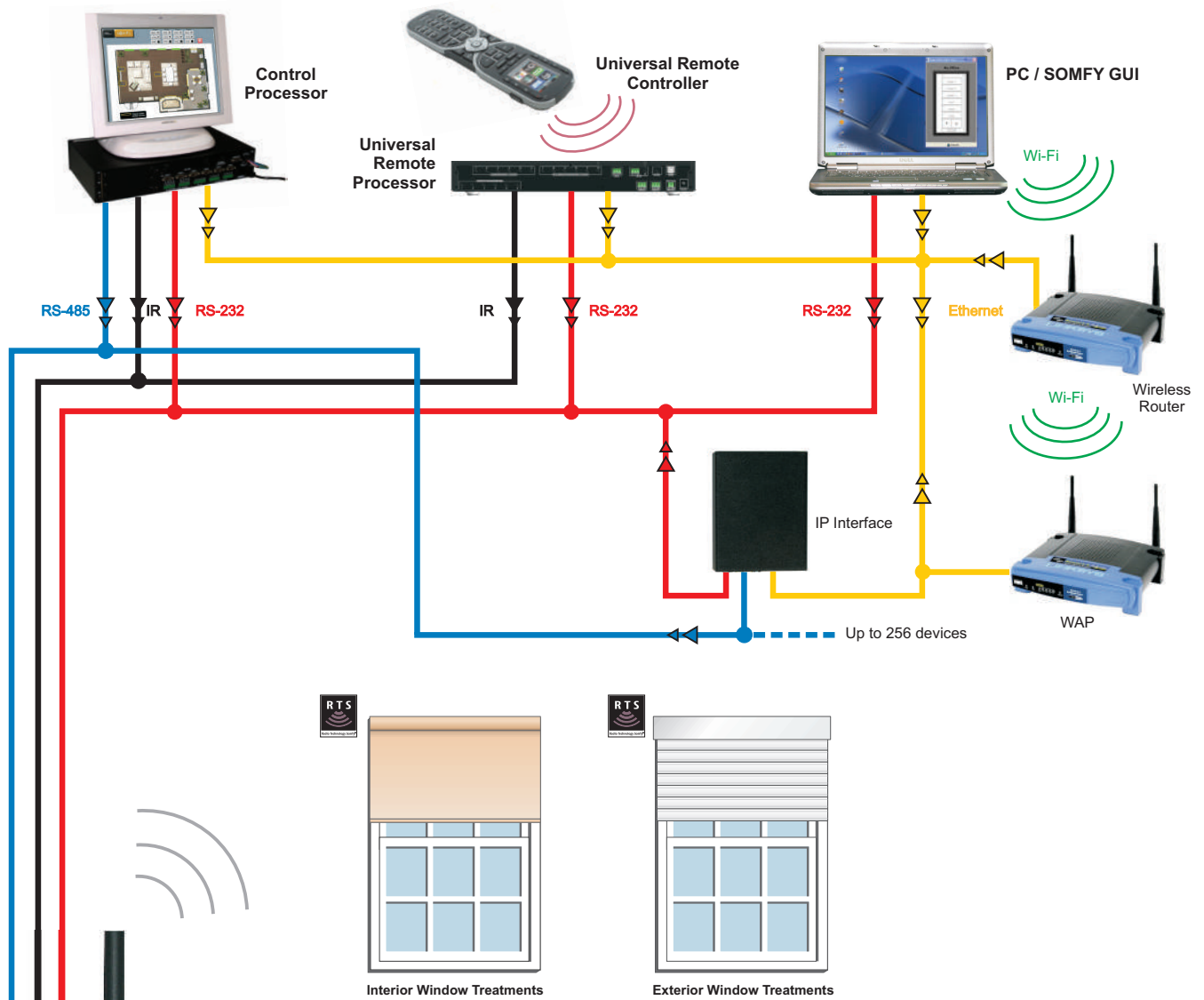
Window covering control made simpler

This 16-channel interface allows users to convert infrared, RS-232 and RS-485 protocol into Radio Technology Somfy® (RTS) for RF control of interior and exterior window coverings, powered by Somfy motors.

HOME MOTION BY

somfy®

Somfy Motor Control Network

RTS
Radio Technology Somfy®

Control Processor

Universal Remote Controller

Universal Remote Processor

PC / SOMFY GUI

Wi-Fi

RS-485   IR   RS-232   IR   RS-232   RS-232   Ethernet

Wi-Fi

Wireless Router

IP Interface

WAP

Up to 256 devices

16-Channel Universal RTS Interface

RTS
Radio Technology Somfy®

Interior Window Treatments

RTS
Radio Technology Somfy®

Exterior Window Treatments

Part # 1810872

Serial Control Interface:

Supported Protocols: RS-232, RS-485
# of Ports: 2-RJ45

Serial Communication Parameters:
9600 Baud
8 Data bits
1 Stop Bit
No parity

RJ45 Pinout
Pin 1,2: RS-485
Pin 3: Transmit (TX)
Pin 4,5: DC+
Pin 6: Receive (RX)
Pin 7,8: DC- (Ground for RS-232)

Pins 1&2, 4&5, 7&8 internally connected

Power Requirements:

Input Power: 9VDC, 200mA - UL Approved
Power Consumption: 20mA
Power Supply Incuded

Mechanical:
Casing: Poly Case
Dimensions: 3" L x 4" W x 1.75" H

Radio Frequency:
Range: 75 feet*
FCC Approved
* Under optimal conditions

Infrared Control Capability:**
# of Ports: 1-RJ9
Compatible with Somfy's 24 channel IR transmitter

** Optional IR sensor required - Cat. #9012871

somfy®