

# SDN Product Specifications



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## IP INTERFACE

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The Somfy Digital Network (SDN) IP Interface is a serial device server used to connect the Somfy RS485 SDN BUS consisting of ILT2, ST-30 RS-485 motors and control devices to a managed LAN network. The IP Interface contains an internal web server with configuration software that is accessed via any standard web browser. The Somfy IP Interface is compatible with both the PC and the Mac platforms.



### Main software features:

An almost unlimited number of personalized GUI's can be configured and created, remotely deployed and then accessed from a link on the individual users desktop allowing personal solar shading control. The Graphical User Interface actions have associated URL commands for interfacing with 3rd party IP control systems. Remote access to the IP Interface for configuration and remote diagnostics is available through HTTP port 80, un-proxied. Completely automated shade movements can be programmed via internal time scheduling and solar angle utility.

### LAN:

Ethernet: 10/100 Mbps, RJ45  
Protection: Built-in 1.5 KV magnetic isolation

### Serial Interface:

Interface: RS-232 (Half duplex RS-485 w/ adapter)  
No. of Ports: 1  
Port Type: DB9 (Male)  
Transmission Speed: 1.2 - 115 Kbps  
Signals: Tx, Rx, RTS, CTS, DTR, DSR, DCD, GND  
Serial Line Protection: 15 KV ESD for all signals

### Serial Communication Parameters:

Parity: None, Even, Odd, Space, Mark  
Data Bits: 5, 6, 7, 8

### Software Features:

Protocols: ICMP, IP, TCP, UDP, DHCP, BOOTP, Telnet, DNS, SNMP, HTTP, SMTP  
Configuration: Web console, Telnet console

