

brainboxes SW-114 Ethernet Switch 4 Port Instruction Manual

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SW-114 Ethernet Switch 4 Port Instruction Manual

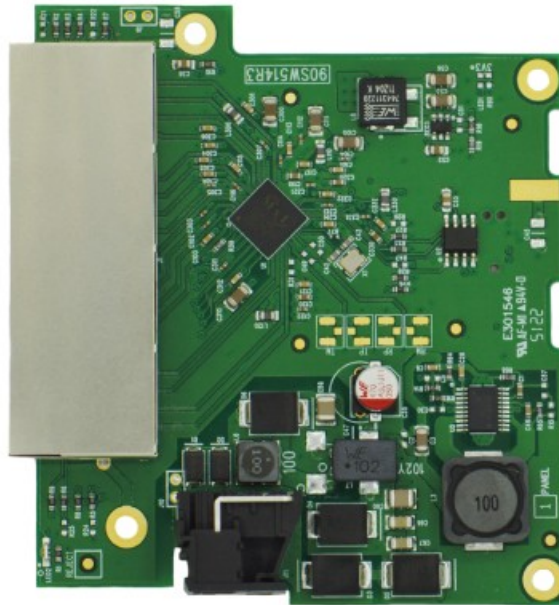
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SW-114 Ethernet Switch 4 Port

EMBEDDED INDUSTRIAL 4 PORT GIGABIT ETHERNET SWITCH

- 4 Gigabit Ethernet ports
- Wide voltage input range: +5V to +30V DC – can be powered by a variety of sources
- Industrial temperature range: -40°C to +80°C/-40°F to + 176°F – works in extreme conditions
- Redundant dual power inputs – reduces risk of power outage
- Mounting holes in PCB



<p>+5 to +30 Volt power input enables the device to be run from a standard car battery – ideal for in vehicle applications</p>	<p>Ideal for mounting within passenger information terminals or kiosks</p>	<p>Embedded format, takes up minimal space, with mounting holes connected to Functional Earth</p>

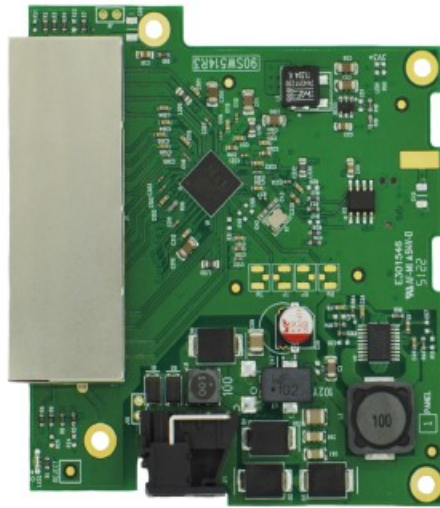


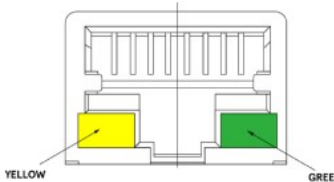
No software needed: Simply plug in any ethernet cable

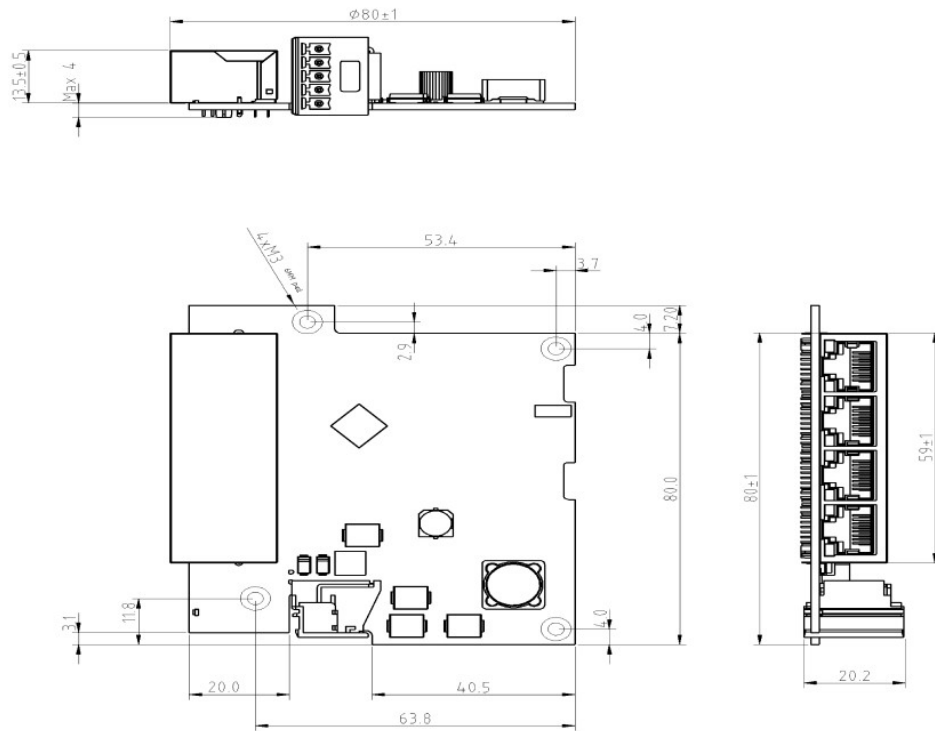
All Ethernet ports are Auto MDI/ MDIX supporting straight through or crossover Ethernet cables

Automatic detection of data transmission speed: 10 or 100 or 1 000 Mbps

Easy Wire Removable screw terminal block



Connectors Screw Terminals Wire Thickness	3.5mm ² pitch, #22 – #14, 0.5mm ² -2.5mm ² pin power supply 0.150 inch, 3.81 mm, 20 pins, 12+8 screw terminals, #26 – #16 AWG O. 13 4mm 2- I .3mm ²
Power Supply Power Consumption Power Supply input Isolation	3.6W Max: 550mA@+5VDC/90mA@+30VDC Unregulated +5V to +30Volts DC, reverse polarity protection 1 500VRMS Magnetic isolation from Ethernet
Environmental Operating Temperature Storage Temperature Ambient Relative Humidity	-40°C to +80°C/-40°F to+ 1 76°F -40°C to +80°C/-40°F to+ 1 76°F 5 to 95% (non-condensing)
Magjack LED Information Link/ Activity Speed	Solid Connection established Flashing Data communication Yellow 1 00Mbps Green 1 00Mbps YELLOW 
Ethernet Ethernet Port	4 x RJ45 jack, 10/100/1 000Mbps autosensing, crossover auto sensing (Auto MDIX)
Protection	1, 500 Volts magnetic isolation between ports
Housing	IP-20 rated non-conducting polyamide case



Power Terminal Pin Outs

PIN	FUNCTION
1	-V
2	+VA
3	+VB
4	-V
5	Functional Earth

Ethernet Ports x4 Pin Outs

1	FUNCTION
2	TxR:xA+
3	TxR:xA-
4	TxRxB+
5	TxRxC+
6	TxRxC-
7	TxRxB-
8	TxRxD+
9	TxRxD-

Lifetime Warranty and Support:

We can help with every aspect of your project, from getting you up and running to custom application .

Packaging Information

Packaging	Quick Start Guide
Device	Ethernet Switch 4 port
Packaged Weight	0.144kg, 5.08 ounces
Packaged Dims	160xl 35×49 mm, 6.3×5.3xl .9 inches
GTIN Universal Code	8.37324E+11

Approvals




Industry Approvals	Microsoft Certified Gold Partner, WEEE, RoHS, AEO (C-TPAT), CE, UKCA, METL Complies with UL62368 -1
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Product Support

Warranty	Lifetime – online registration required
Support	Lifetime web, email and phone support from fully qualified, friendly staff who work in and alongside the Product Development Team


Additional Information

OEM option	Available for bulk buy OEM
Made In	Manufactured in Great Britain (GB) by Brainboxes – Winner 2005 European Electronics Industry Awards ‘Manufacturer of the Year’
Customisable	Brain boxes operate a ‘Perfect Fit Custom Design’ policy for volume users. More infosales@brainboxes.com

		
<p>PW-600 for UK, USA, EU and AUS mains socket. 'Tails' are suitable for connecting to screw terminal blocks .</p>	<p>PW-650 Power supply with USB connector and prewired screw terminal block. Suitable for use with 5V USB ports.</p>	<p>SW Range Switch products available in a range of formats and specifications. www.rainboxes.com</p>

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Documents / Resources

	<p>brainboxes SW-114 Ethernet Switch 4 Port [pdf] Instruction Manual SW-114 Ethernet Switch 4 Port, SW-114, Ethernet Switch 4 Port, Switch 4 Port</p>
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References

- [User Manual](#)

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