

WiFi Firewall Requirement

NS002 and NS003

Date	2022/06/1
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Verified	
Revision	1



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Option 1: Wildcard

whitelist : *.electricimp.com

Open the following Ports:

Port	TCP	UDP	Usage
31314	✓		Initial device-server connection
993	✓		Fallback device-server connection #1
443	✓		Fallback device-server connection #2
80	✓		Fetch device firmware
53		✓	Allow DNS look-ups – imps with non-default DNS settings

Option 2: Proxy

whitelist: proxy.electricimp.com

Open Port: 8888

Security

- Every sensor communicates using TLS 1.2 with EDH forward secrecy and AES-128/256 encryption.