

## Rob Broadley

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**From:** Perrin McKenzie  
**Sent:** Thursday, 23 May 2019 4:21 pm  
**To:** Rob Broadley  
**Subject:** RE: Farmbot Wireless

That is for OP-Mobile, just psk required

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Perrin McKenzie

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**From:** Rob Broadley <[Rob.Broadley@op.ac.nz](mailto:Rob.Broadley@op.ac.nz)>  
**Sent:** Thursday, 23 May 2019 4:19 PM  
**To:** Perrin McKenzie <[Perrin.McKenzie@op.ac.nz](mailto:Perrin.McKenzie@op.ac.nz)>  
**Subject:** RE: Farmbot Wireless

And the ID is...?

Cheers,  
Rob

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**From:** Perrin McKenzie <[Perrin.McKenzie@op.ac.nz](mailto:Perrin.McKenzie@op.ac.nz)>  
**Sent:** Thursday, 23 May 2019 3:48 PM  
**To:** Rob Broadley <[Rob.Broadley@op.ac.nz](mailto:Rob.Broadley@op.ac.nz)>  
**Subject:** RE: Farmbot Wireless

bpdyHDPnBjWR

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Perrin McKenzie

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**From:** Rob Broadley <[Rob.Broadley@op.ac.nz](mailto:Rob.Broadley@op.ac.nz)>  
**Sent:** Thursday, 23 May 2019 3:40 PM  
**To:** Perrin McKenzie <[Perrin.McKenzie@op.ac.nz](mailto:Perrin.McKenzie@op.ac.nz)>  
**Subject:** Farmbot Wireless

Hi Perrin,

Can you generate a key so the Farmbot device can get connected to the wireless please. The MAC address is B8:27:EB:B4:13:3E and here's the sort of traffic to expect:

FarmBot needs outbound access to ports 80 (HTTP), 443 (HTTPS), 1883 (MQTT), 8883 (MQTT over SSL).  
There are no exposed inbound ports.

It will need to reach the following sites via HTTPS: my.farmbot.io  
farmbot-production.storage.googleapis.com - Cloud image storage  
github.com - Where we store software updates

rollbar.io - Our bug management vendor (helps us find bugs in real world deployments)

It will also need access to mqtt.farmbot.io for message passing.

pool.ntp.org for network time protocol (UDP port 123)

Thanks,  
Rob