



roamer
data anywhere

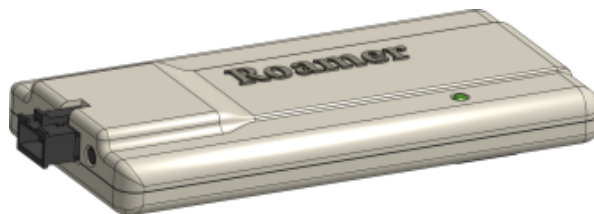
ROAMER INDUSTRIAL IOT MODULE

PROTOTYPE – AUGUST 2024

The Roamer is an Industrial Internet of Things (IOT) module which runs on any global mobile network. Designed for use specifically with the A2 Autolube, with a Roamer connected you can access all of your lubrication data - anywhere, anytime.

The Roamer uses GSM technology to connect to any available mobile network to transfer data from the A2 Autolube to a user-friendly website. With the Roamer connected to an A2 Autolube you can:

- See the current status of your Lubrication System.
- View and Download History Logs for your Lubrication System.
- Change settings on your A2 Autolube remotely via the website.
- View system totals including lifetime, 24hr, 7 days and 30 days.¹
- Add installations and asset details to better track your Lubrication System.
- Upgrade your A2 Firmware to the latest firmware over the cloud either manually or automatically when available.²

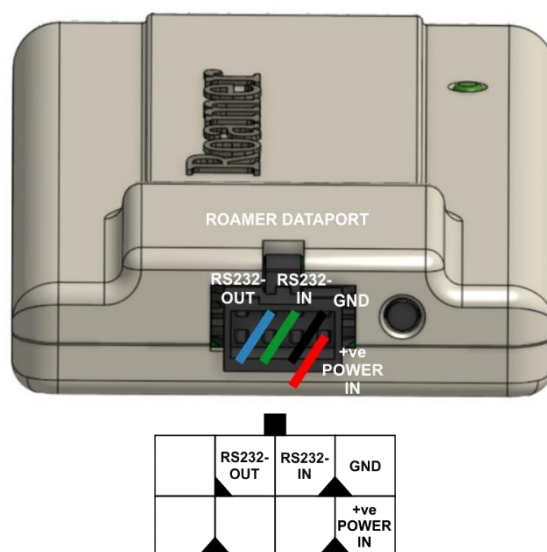
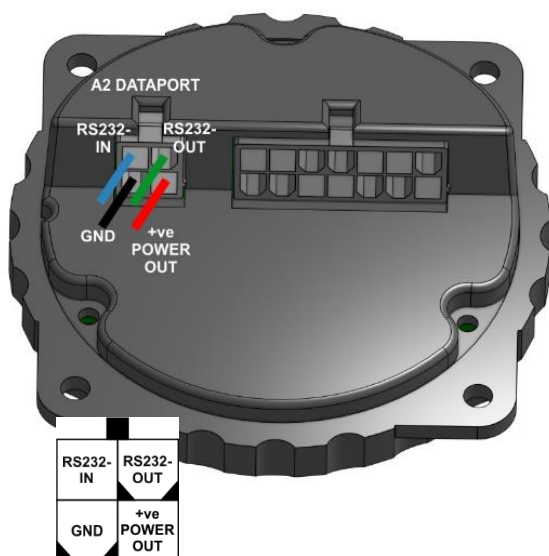


¹ This feature requires the Roamer and A2 Autolube to be connected for at least 30 days to gather the required operating data.

² This feature is currently work in progress and will be released soon.

Connecting the Roamer to the A2 Autolube

The Roamer can be powered by the A2 Autolube using the 4-way dataport output from the A2 Autolube. A ready for installation cable is provided. For reference the wiring is as per below:



In the majority of instances, the Roamer should be powered by POWER OUTPUT of the A2 Autolube. However, if an alternate power source is required the Roamer works on 9VDC – 33VDC.


Simply plug the Roamer into the A2, connecting the RS232-OUT from the A2 with the RS232-IN for the Roamer, and vice versa for the data return, and the Roamer will start sending your data.

Accessing your data


1. Go to www.a2autolube.com
2. Create an Account.
3. From the ADMIN PANEL, add an A2 to your profile. To do this use the A2 Serial Number (located on the back of the A2 or on the startup screen for the A2). In future the A2 Password will be available on your A2, however for now the default password is *ROAMER1*
4. Your A2 is now added to your Dashboard and you can access this to start viewing and controlling your data.

NB: The roamer can be readily swapped between different A2's, however each time you will need to add that A2 to your website profile.

A2 Autolubes			
		Go to Admin Panel	Log Out
DEVICE	ROAMER #	SITE	LAST STATUS
#01039 A2 Jack	#00101	F&O Office	✔ Faults cleared 02/08/2024 10:52
#00016 Pierre Testbox	#00775	35 Zander Estate	⏻ Power on 02/08/2024 10:50

 A2 Autolube

Timezone
(UTC+02:00) Harare, Pretoria



A2 Serial
#01039
A2 Jack

Roamer Serial
#00101

Current Status:
Latched Faults:
State Since:
Last Updated:

RUNNING – Faults cleared

-

02-08-2024 (12:52)

02-08-2024 (12:52)

Refresh Status

The status is refreshed by contacting the A2 via the Roamer using GSM/Wifi. Depending on the signal to the Roamer this may take some time to refresh.

A2 Logs (UTC+02:00) [Download](#)

Date & Time	Event
✔ 02-08-2024 (12:52)	Faults cleared
▶ 02-08-2024 (12:52)	Forced Run
⚠ 02-08-2024 (12:51)	Motor S/C
▶ 02-08-2024 (12:51)	Forced Run
✔ 29-07-2024 (09:51)	Faults cleared
⏻ 29-07-2024 (08:59)	Power on
⏻ 24-07-2024 (17:04)	Power off
▶ 24-07-2024 (16:25)	Forced Run
⚠ 24-07-2024 (16:25)	Motor O/C
▶ 24-07-2024 (16:25)	Forced Run

Setup as of 12:52 02 Aug 2024

Mode	PLS – Time
Pause Time	01:30:00
Run Time	00:00:10
Use P1	Yes
P1 Cycles	-
P1 Timeout	00:01:30
Use P2	-
P2 Cycles	-
P2 Timeout	-
Use Level	-
Over Pressure	0.64

Update Settings

System Totals as of 12:52 02 Aug 2024

	Lifetime	24 hrs	7 Days	30 Days
⏻ 4239H 15M				

For more information or queries please contact:

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