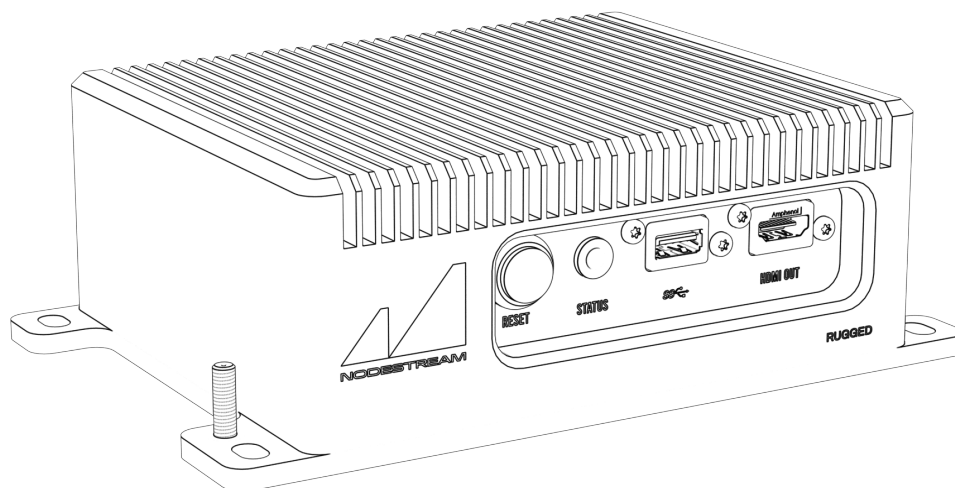


# RUGGED

## Quick Start Guide

---



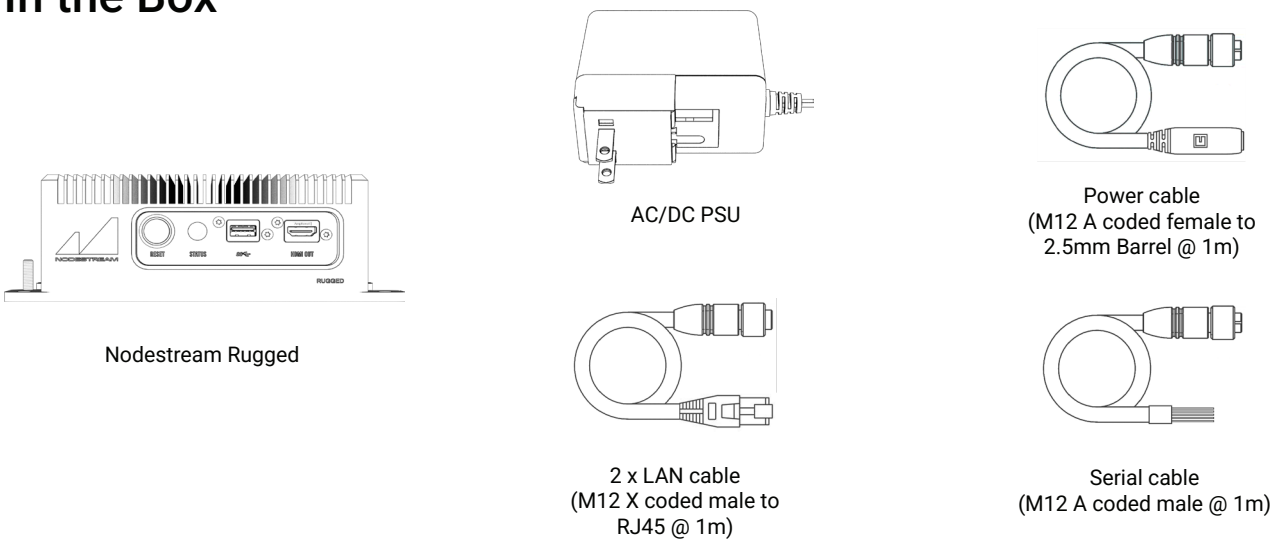
# Overview



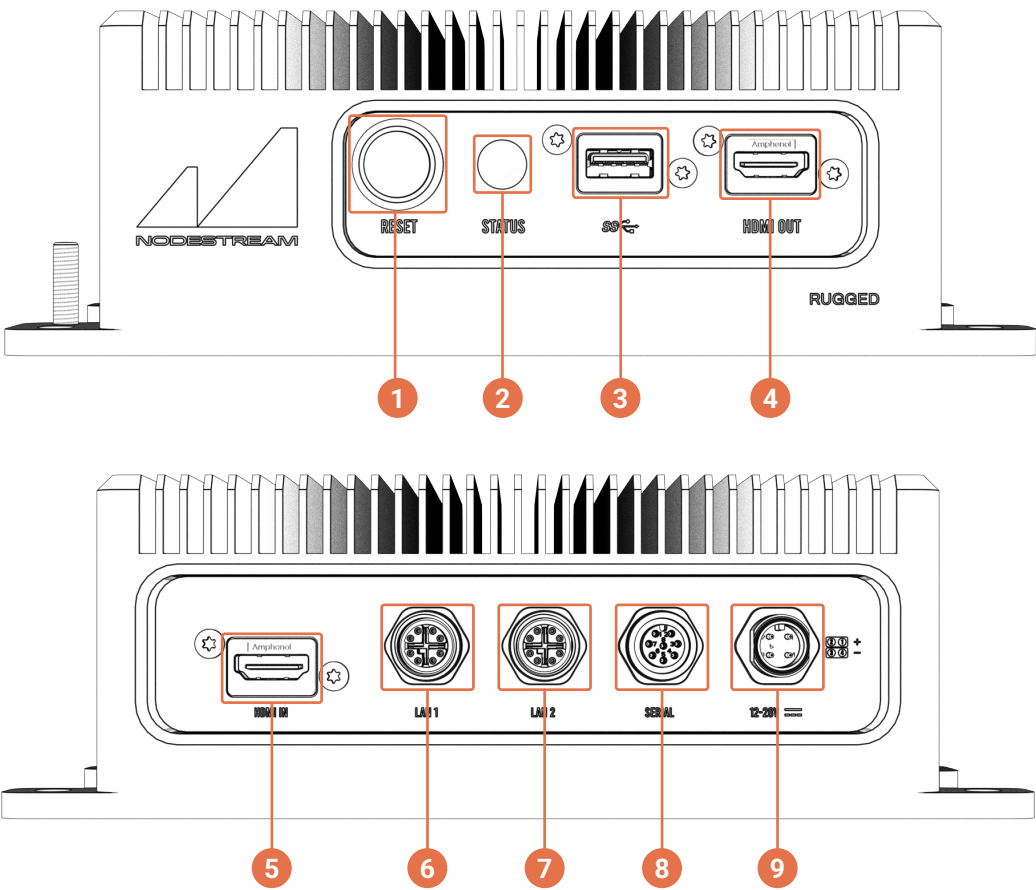
## Welcome to Nodestream Rugged

Please read these instructions carefully before using this product, and save this quick start guide for future use. See the User Manual for full details via the QR code on the back page.

### In the Box



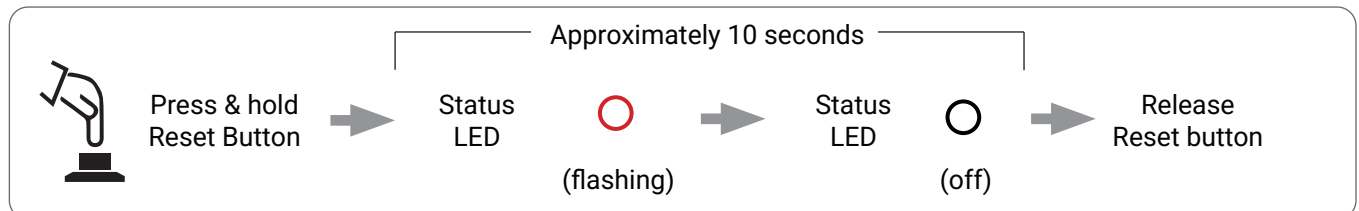
### Connections





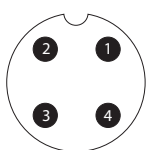
## Connections / UI

- 1 Reset Button**  
Restart device - Press 2 sec & release  
Factory reset device



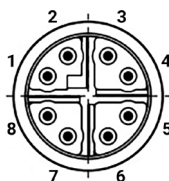
- 2 Status LED**  
**BLUE** - System starting    **GREEN** - Solid (streaming), Flashing (idle)    **RED** - Network issue
- 3 USB A 3.0**  
Connection of peripherals such as keyboard/mouse, camera
- 4 HDMI**  
Display output
- 5 HDMI**  
Video source input
- 6 LAN 1**  
Gigabit Ethernet
- 7 LAN 2**  
Gigabit Ethernet
- 8 Serial**  
RS232 (/dev/ttyTHS0), and CANbus (future)
- 9 Power Input**  
12-28VDC

Power	
Pin	Description
1	+ (12 to 28V)
2	+ (12 to 28V)
3	GND
4	GND



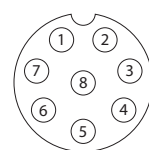
M12 A Coded Male

LAN1/2			
PIN	Description	Pin	Description
1	BI_DA+	5	BI_DD+
2	BI_DA-	6	BI_DD-
3	BI_DB+	7	BI_DC+
4	BI_DB-	8	BI_DC-



M12 X Coded Female

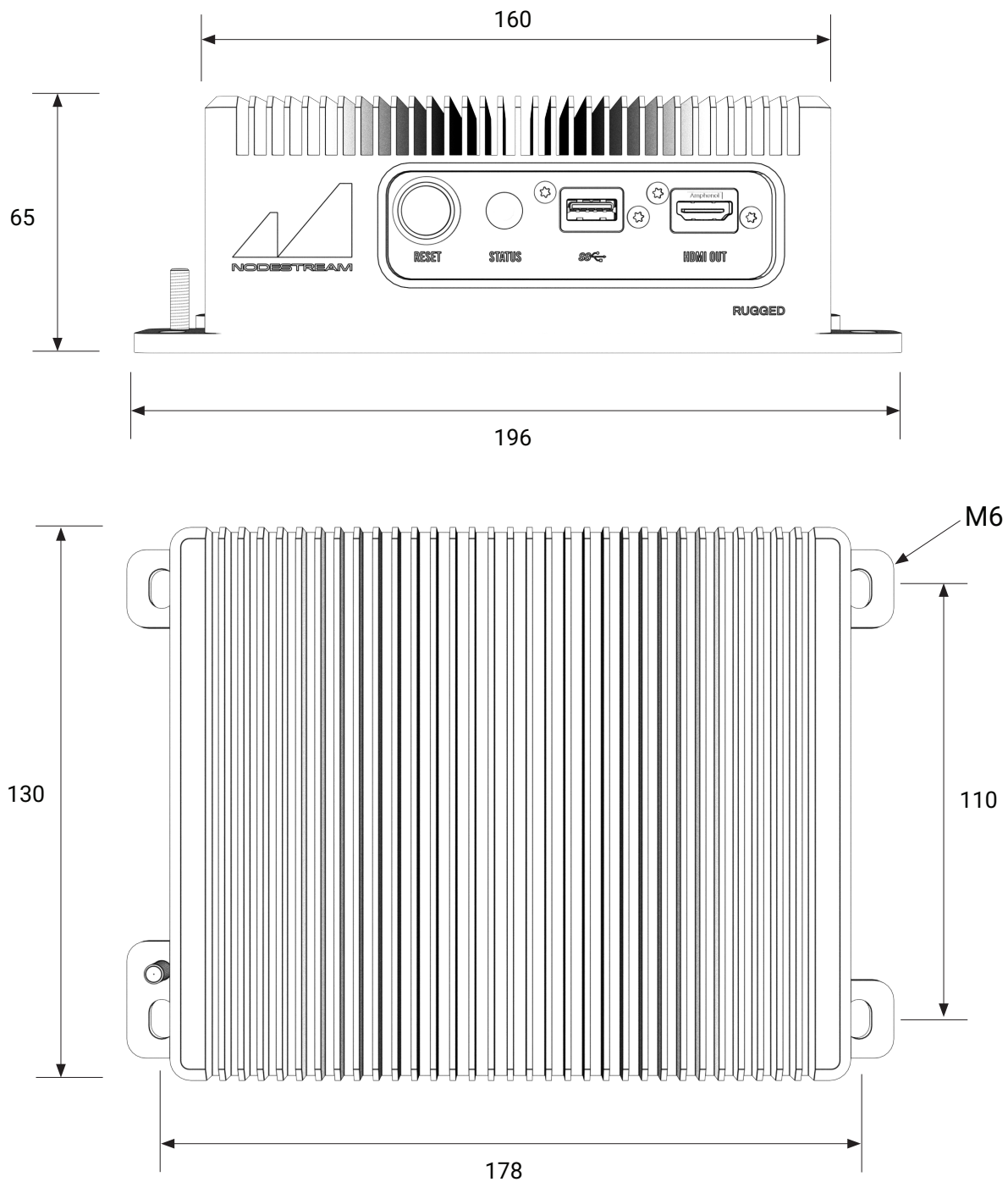
Serial			
PIN	Description	Pin	Description
1	RS232 RXD	5	GND
2	RS232 TXD	6	CAN High
3	RS232 RTS	7	CAN Low
4	RS232 CTS	8	GND



M12 A Coded Female



## Dimensions / Mounting



- Ensure adequate space around heat sink for cooling
- For ambient temperatures exceeding 65°C, 0.5m/s of airflow across the heatsink is required



## Web Interface

1. Access the Web Interface

### Via a computer on the same network

#### DHCP Enabled Network

From the web browser of a PC connected to the same LAN, navigate to:  
device serial.local - e.g. au2518nsrx2a012.local, or the IP address of the device

#### Non DHCP Enabled Network

Configure the IPv4 network settings of a PC connected to the same LAN to:

IP	192.168.100.102
Subnet	255.255.255.252
Gateway	192.168.100.100

From a web browser, navigate to: 192.168.100.101



- Device will “fall back” to a static IP address when not connected to a DHCP enabled network - approximately 30 seconds after boot
- Due to the possibility of conflicting IP addresses, only 1 device can be configured at a time. Once configured, the device can remain connected

### On the device

Press **alt+F1** on a connected keyboard

2. Login in - username & password = admin
3. Configure your network
4. Select device mode and configure your server on the “System” page



your device will show online in the Harvest Control application



add your device to your Organization via the web portal



### User Manual

Refer to the device User Manual for additional information.



Nodestream devices require specific firewall settings to be in place. Refer to the User Manual for further information



User Resources



Contact and Support  
[support@harvest-tech.com.au](mailto:support@harvest-tech.com.au)

## Troubleshooting

Issue	Cause	Resolution
Device not powering	AC or DC not connected.	Confirm PSU is plugged in and AC supply on
	Faulty or incompatible supply	Confirm power input cable is connected correctly Test with alternative supply
	Incorrect pinout used	Ensure supply voltage meets required specifications, see User Manual Ensure pinout as per table on page 3
<b>Nodestream X</b> "Server Connection Error"  <b>Nodestream Live</b> "Could not resolve hostname"  Status LED RED	Network not connected Network settings incorrect  Firewall blocking comms	Check Ethernet cable is connected Check network settings, contact your network administrator to diagnose network Ensure Firewall settings correct, see User Manual
Forgot login or network details	N/A	Factory reset to defaults (see "Factory Reset" on page 3)

**EU** **REP** Harvest Technology Europe ([colm.mulcahy@harvest-tech-europe.com](mailto:colm.mulcahy@harvest-tech-europe.com) ; +353 87 8126761)  
Suite 4, Eden Gate Business Centre, Delgany, A63 WY44 Wicklow, Ireland

**UK** **REP** Dallas Allardice ([dallas.allardice@harvest-tech.com.au](mailto:dallas.allardice@harvest-tech.com.au) ; +44 7921567416)  
Overton Lodge, Methlick, Ellon, UK, AB41 7HT



Harvest Technology Pty Ltd  
7 Turner Ave, Technology Park  
Bentley WA 6102, Australia  
[harvest.technology](http://harvest.technology)

All rights reserved. This document is the property of Harvest Technology Pty Ltd. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, photocopy, recording or otherwise without the written consent of the CEO of Harvest Technology Pty Ltd.