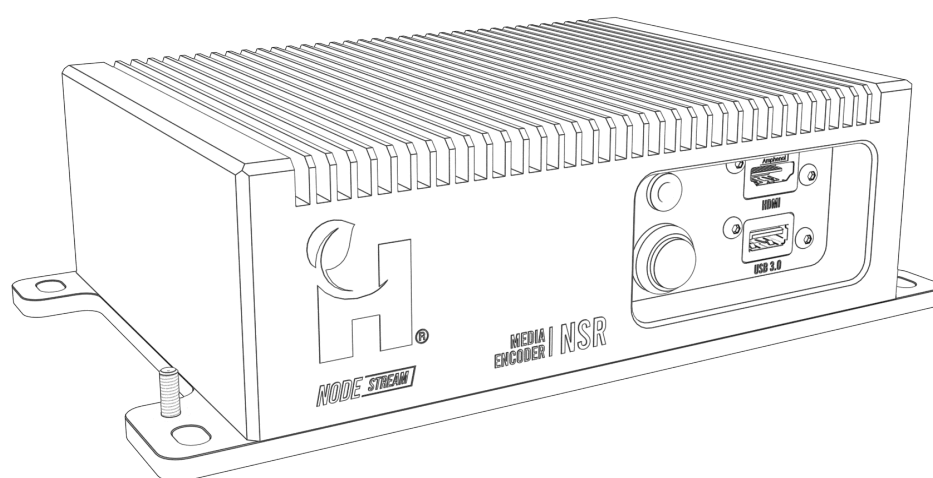


# MEDIA INTERFACE | **NSR**

---

## Quick Start Guide



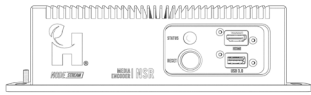
**NODESTREAM** **X**

**NODESTREAM** **live**

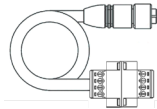
## Welcome to the Nodestream Rugged (NSR)

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.

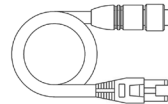
### In the Box



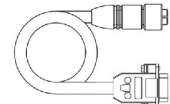
Nodestream Rugged (NSR)



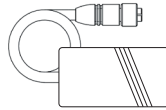
Power cable (M12 A coded female @ 1m)



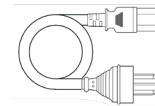
1 x LAN cable (M12 X coded male to RJ45 @ 1m)



Serial cable (M12 A coded male @ 1m)

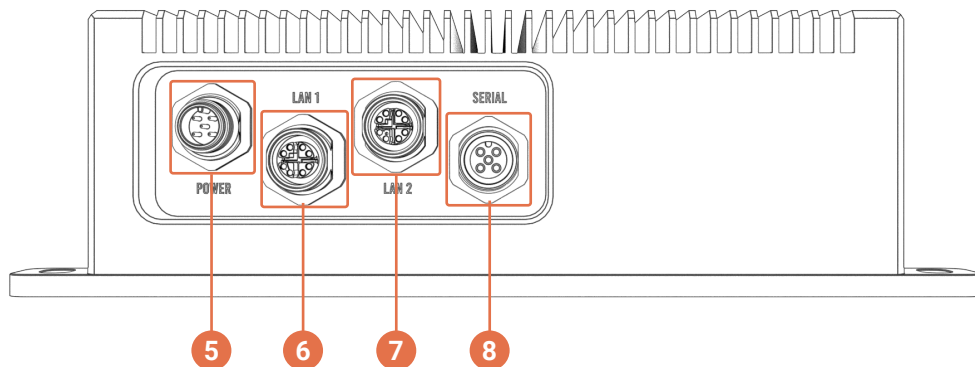
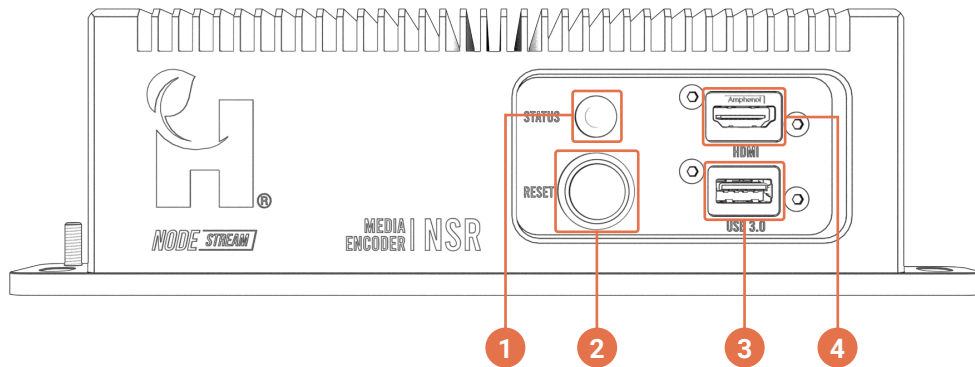


AC/DC PSU (M12 A coded female)



IEC13 Cable (Region Specific)

### Connections



## Connections / UI

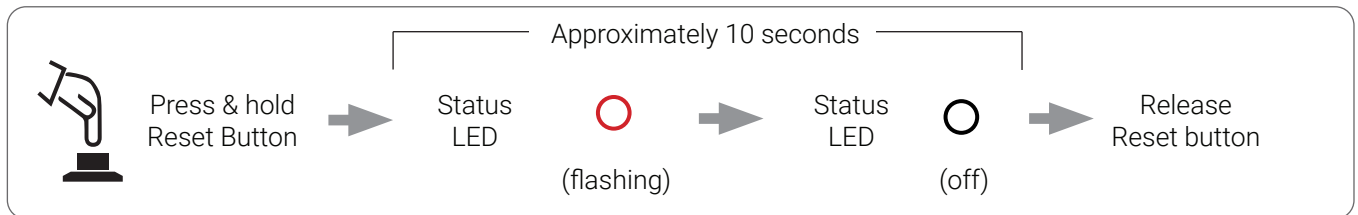
### 1 Status LED

**BLUE** - System starting    **GREEN** - Solid (streaming), Flashing (idle)    **RED** - Network issue

### 2 Reset Button

Restart device - Press 2 sec & release

Factory reset device



### 3 USB A 3.0

Connection of peripherals such as keyboard/mouse, camera

### 4 HDMI

Display output

### 5 Power Input

9-28VDC

### 6 LAN 1

Gigabit Ethernet

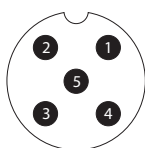
### 7 LAN 2

Gigabit Ethernet

### 8 Serial

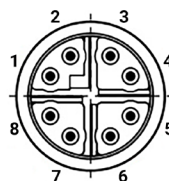
RS232

Power	
Pin	Description
1	+ (9 to28V)
2	+ (9 to28V)
3	GND
4	GND
5	NC



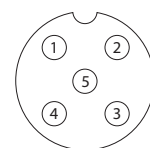
M12 A Coded Male

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-



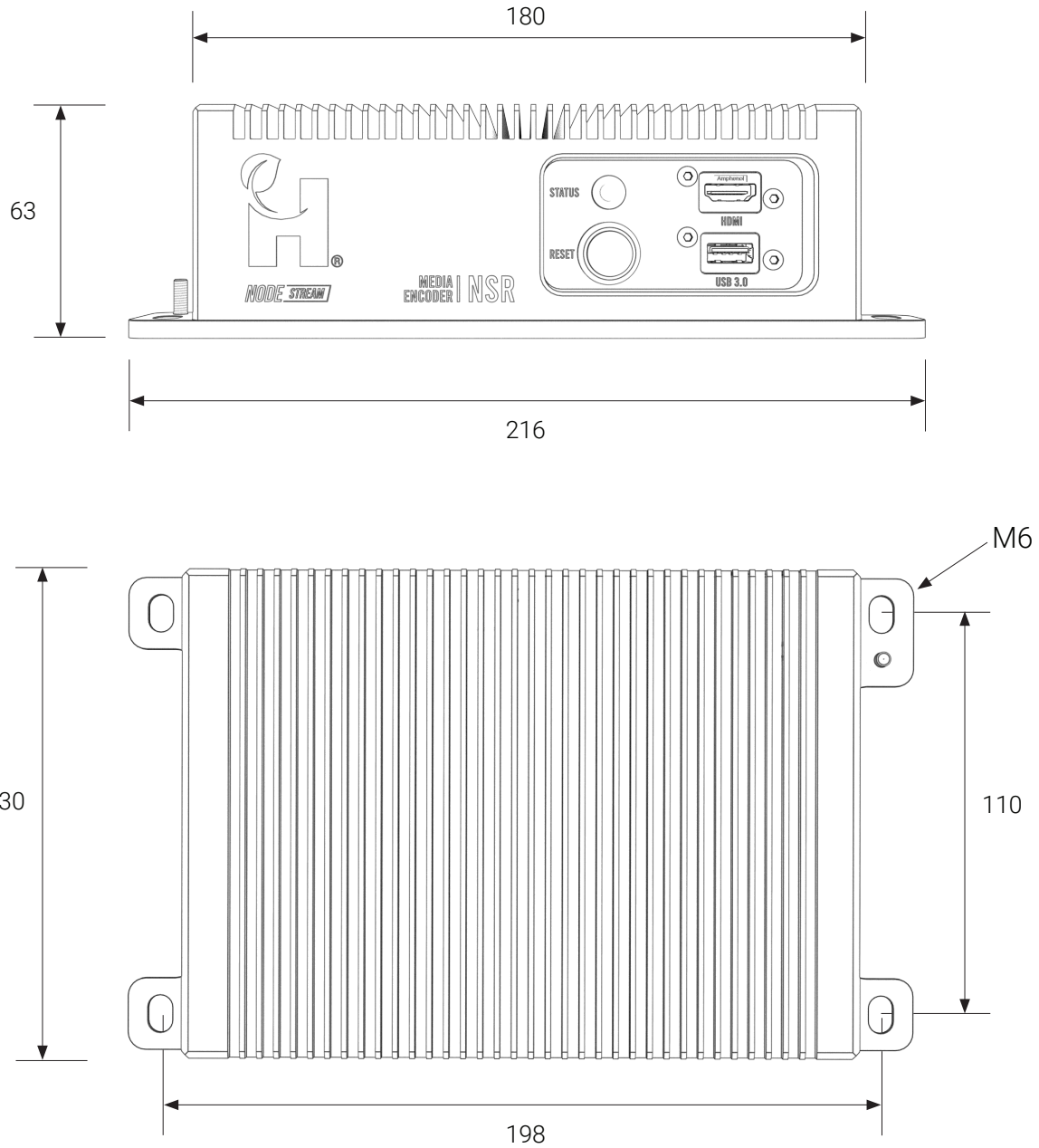
M12 X Coded Female

Serial	
PIN	Description
1	RXD
2	TXD
3	RTS
4	CTS
5	GND



M12 A Coded Female

## Dimensions / Mounting



- Ensure adequate space around heat sink for cooling
- For ambient temperatures exceeding 50°C, 0.5m/s of airflow across the heatsink is required
- Protective cap must be installed on unused LAN ports to maintain IP rating

## 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. au2240nsrx1a012.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.  Faulty or incompatible supply  Incorrect pinout used	Confirm PSU is plugged in and AC supply on  Confirm power input cable is connected correctly  Test with alternative supply  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)

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