



## OVERVIEW

Transmission Dynamics® have developed the Universal Global Data Network (GDN) Transceiver, an in-service data logging system that can be paired with a variety of devices, allowing for wireless condition monitoring. The Universal Transceiver is capable of Wi-Fi, 2.4 GHz license-free band, Sub GHz and LTE communication.

The Universal Transceiver is powered using a 24 VDC Power Supply, connected to an IP-68 rated power socket for use in harsh environments.

Data is streamed from the transceiver to the Global Data Network via either Wi-Fi, LTE, or a wired ethernet connection, whereupon data can be viewed remotely by the client. The Transceiver is designed to be mounted on a bespoke subplate tailored to each application using 4 off M5 through holes for fixing.

## SPECIFICATION

|                    |                                                                                                                                                                                                                                                  |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Communication      | <ul style="list-style-type: none"> <li>- 2.4 GHz license-free band</li> <li>- GSM license-free frequency range 80 MHz to 2 GHz</li> <li>- Wi-Fi</li> <li>- LTE</li> <li>- Sub GHz (868 MHz) (Optional)</li> <li>- Ethernet (Optional)</li> </ul> |
| Power              | 24 VDC (9-36 V Range)                                                                                                                                                                                                                            |
| Dimensions         | 246 mm x 144 mm x 57 mm (131 mm with Antennas)                                                                                                                                                                                                   |
| Mounting           | 2 OFF M5 x 60, 2 OFF M5 x 30 Socket Cap-Head Bolts (M4 Bolts Optional)                                                                                                                                                                           |
| Weight             | 1.16kg                                                                                                                                                                                                                                           |
| Ingress Protection | IP68                                                                                                                                                                                                                                             |

