



XDL24 1.0

AVIONICS

ENCLOSED XBEE RF MODULE FOR LOS COMMUNICATIONS

Secure data transmission in LOS operations with a robust enclosure.

USB-C connection for easy integration. Compatible with internal radio in Veronte Autopilot or Xbee modules.

ALUMINIUM ENCLOSURE FOR DURABILITY



SECURE DATA TRANSMISSION

It can be employed to build point-to-point and multipoint applications.



DIGI MODULE

XDL24 product comes integrated with the DIGI XB3-24 radio module.



CONTROL STATION

Ground control station for the configuration/control of the Veronte Autopilot.



MAIN FEATURES

Compatibility	Veronte Autopilot Digi XBee 3
Frequency band	ISM 2.4GHZ
Transmit Power	+19dBm
Sensitivity	-95dBm
I/O Ports	1x USB-C 2.0
RF Data Rate	250kbps
RF Core	Digi XBee® 3 PRO Zigbee 3.0
RF Connector	SMA Female



PART LIST

Datalink module	Veronte XDL24
Cable	USB-C to USB-A 1m
RF Antenna	2300 to 2690 MHz 8.5dBi
RF Antenna Connector	SMA Male

USER PROGRAMMABLE

Toolset	Digi XBee Ecosystem
Configuration & control	Digi Remote Manager
Security & privacy	Digi TrustFence
Configuration & testing	Digi XCTU
Compatible OS	Windows, MacOS, Linux

SAFETY & ROBUSTNESS

Operation temperature	-40 to 85°C
Enclosure	Anodized aluminium
Protection	IP68
Encryption	AES de 128/256 bits
Channels	16

GENERAL

Installation	Tabletop Laptop Screw
Mounting	2x M3 Screws Double side tape
XDL24 weight	82g
Antenna weight	18g
Supply voltage	5V
Power Consumption	0,5W
Core Approvals	FCC, RCM, Anatel

