



EMBENTION

Enabling drones
to populate our skies



SDL 1.0

AVIONICS

HIGH PERFORMANCE TM/TC COMMUNICATIONS

RS232 LOS Datalink for drones, operating
at 400MHz, 900MHz or 2.4GHz.

It enables wireless communication for
both point-to-point and
point-to-multipoint setups.

ROBUST LOS COMMUNICATIONS



FREQUENCY BANDS

Available in 3 frequency
bands: 400/900MHz,
900MHz & 2.4GHz.



RUGGED & IP67

Designed to withstand harsh
environments for ground
and air applications.



ROBUST COMMUNICATIONS

Wireless serial communica-
tions, high performance and
reliability.



VERONTE
AVIONICS



www.embention.com



sales@embention.com



+34 965 115 421

MAIN FEATURES

Power	1W (2W Licensed band for 400 MHz)
Baudrate	Up to 345 kbps (276 kbps for SDL09)
Modes	Point-to-point Point-to-multipoint
Applications	UAV, Drone, eVTOL, UGV, USV, etc.
Robustness	Interference rejection
Spreading method	Frequency Hopping
Error detection	32 bits of CRC, ARQ
Error correction	Automatic Repeat Request (ARQ)
Versions	SD24, SDL09, SDL04
Connectors	SMA Circular connector

SDL24

Frequency	2 400 - 2 483 MHz
Power	0,1 to 1W Up to 30 dBm
Serial Baud Rate	Max. 230 Kbps

SDL09

Frequency	902 - 928 MHz
Power	0,1 to 1W Up to 30 dBm
Serial Baud Rate	Max. 230 Kbps

SDL04

Frequency	410 - 480 MHz 902 - 928 MHz
Power	0,1 to 1W (FHSS) Up to 30 dBm
Serial Baud Rate	Max. 230 Kbps

ROBUST CONSTRUCTION

Material	Anodized aluminum
Waterproofness	IP67
Temperature	40 to 85 °C

MAIN

Weight	68 g
Size	44 x 26 x 71mm
Power Supply	6.5 - 36V
Consumption	1 - 9W



[P007434] Veronte Avionics: SDL24 Datalink (2.4GHz - 1W - TM/TC)

[P007436] Veronte Avionics: SDL09 Datalink (900MHz - 1W - TM/TC)

[P007435] Veronte Avionics: SDL04 Datalink (400 & 900MHz - 1W - TM/TC)

