

Link do produktu: <https://www.nobshop.pl/odbiornik-radiomaster-xr4-gemini-xrossband-dual-band-expresslrs-p-4761.html>



Odbiornik Radiomaster XR4 Gemini Xrossband Dual-Band ExpressLRS

Cena brutto	173,00 zł
Cena netto	140,65 zł
Dostępność	Dostępny
Czas wysyłki	1 - 3 dni
Kod producenta	HP0157.XR4
Producent	Radiomaster

Opis produktu

Odbiornik Radiomaster XR4 Gemini Xrossband Dual-Band ExpressLRS

Cechy:

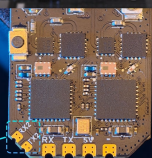
- True Diversity & Dual-Band
- Niezrównana niezawodność z ExpressLRS Gemini Xrossband
- Kompatybilny z ExpressLRS 2.4GHz, Sub-G 900MHz, Gemini & Gemini Xrossband (Gem-X)
- Wysokowydajny MCU ESP32D4
- Twin Semtech LR1121 Transceiver
- Dodatkowy port UART dla zaawansowanej funkcjonalności
- Odlewane pady dla łatwego lutowania

Specyfikacja:

- Nazwa: XR4 Gemini Xrossband Dual-Band Receiver
- MCU: ESP32D4
- RF Chip: LR1121 x 2
- Złącze RF: IPEX-1 x 2
- Antena: Dwuzakresowa antena T x 2 (w zestawie)
- Zakres częstotliwości: 2,4 GHz / Sub-G 900 MHz
- Moc telemetryczna: 100 mw
- Maksymalna częstotliwość odświeżania odbioru: DK500Hz / K1000Hz
- Minimalna częstotliwość odświeżania odbiornika: 50Hz
- Napięcie robocze: DC 5.0 - 12.6v
- Waga: 1.7g (bez anteny)
- Wymiary: 22mm * 18mm * 4mm
- Wersja oprogramowania: ExpressLRS v3.5.1
- FW Target: RadioMaster XR4 2.4/900 Gemini RX
- Interfejs magistrali 1: CRSF
- Interfejs magistrali 2: UART

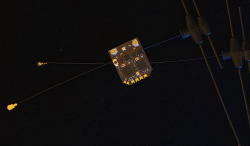


Dual 3rd generation Semtech LR1121 transceivers offering both 2.4GHz and Sub-G 900MHz in one receiver using Crossband (Gemini-X)

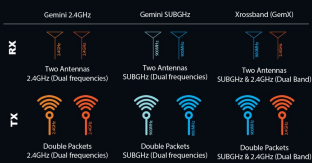


Additional UART for future expansion

Dual-Band T style antennas for perfect Crossband compatibility



GEMINI AND CROSSBAND (GEMX)



Ranger Nomad Bandit

ExpressLRS Dual-Band Mode Compatibility Chart

Mode	2.4G (LR1121)	Dual (LR1121)	Sub-G (DA274)
Frequency Band	2.4G (LR1121)	Dual (LR1121)	Sub-G (DA274)
Resolution	1250 Hz	1250 Hz	1250 Hz
Frequency	2.4G (LR1121)	Dual (LR1121)	Sub-G (DA274)
Power	100mW	100mW	100mW
Antenna	2.4G (LR1121)	Dual (LR1121)	Sub-G (DA274)
Chipset	LR1121	LR1121	DA274
Protocol	ExpressLRS	ExpressLRS	ExpressLRS
Modulation	FSK	FSK	FSK
Frequency Band	2.4G (LR1121)	Dual (LR1121)	Sub-G (DA274)
Resolution	1250 Hz	1250 Hz	1250 Hz
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Antenna	2.4G (LR1121)	Dual (LR1121)	Sub-G (DA274)
Chipset	LR1121	LR1121	DA274
Protocol	ExpressLRS	ExpressLRS	ExpressLRS
Modulation	FSK	FSK	FSK

Notes:
 * 2.4G mode requires 2.4GHz antenna.
 * Sub-G mode requires Sub-G antenna.
 * Dual mode requires both 2.4GHz and Sub-G antennas.

Compatible with all existing RadioMaster ExpressLRS radios and modules



LR1121 Receiver Frequency Chart

Receiver	2.4GHz	900MHz	Gem-X 2.4GHz+900MHz Dual-Band
XR1	YES	YES	NO
XR2	YES	NO	NO
XR3	YES	YES	NO
XR4	YES	YES	YES

Notes:
 * Requires 2.4GHz or Dual-Band Antenna
 * Requires 900MHz or Dual-Band Antenna
 * Requires Dual-Band Antenna

SPECIFICATIONS

Item	XR4 ExpressLRS Crossband Receiver	Minimum receiver refresh rate	50Hz
MCU	ESP32D4	Working voltage	DC 5.0 - 12.0V
RF Chip	Semtech LR1121	Weight	1.3g (without antenna)
RF connector	IPXC4 X 2	Dimension	22mm * 18mm * 4mm
Antenna	Dual-Band T Antenna * 2 (Included)	Firmware Version	ExpressLRS v3.5.1 pre-installed
Frequency Range	2.4GHz / Sub-G 900MHz	Firmware Target	RadioMaster XR4 & XR4-Crossband RX
Telemetry Power	100mW	Bus Interface 1	CRSF
Maximum receive refresh rate	4K500Hz / 1K100Hz	Bus Interface 2	UART

