

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	<b>173,00 zł</b>
Cena netto	<b>140,65 zł</b>
Dostępność	<b>Aktualnie niedostępny</b>
Czas wysyłki	<b>1 - 3 dni</b>
Kod producenta	<b>HP0157.XR4</b>
Producent	<b>Radiomaster</b>

### Opis produktu

#### Odbiornik Radiomaster XR4 Gemini Xrossband Dual-Band ExpressLRS

##### Cechy:

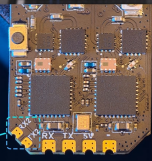
- True Diversity & Dual-Band
- Niezrównana niezawodność z ExpressLRS Gemini Xrossband
- Kompatybilny z ExpressLRS 2.4GHz, Sub-G 900MHz, Gemini & Gemini Xrossband (Gem-X)
- Wysokowydajny MCU ESP32D4
- Twin Semtech LR1121 Transceiver
- Dodatkowy port UART dla zaawansowanej funkcjonalności
- Odlewane pady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

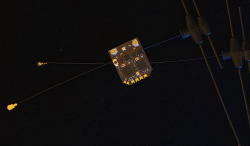


Dual 3rd generation Semtech LR1121 transceivers offering both 2.4GHz and Sub-G 900MHz in one receiver using Xrossband (Gemini-X)

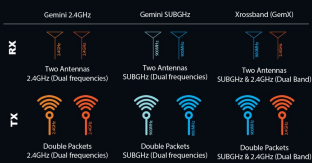


Additional UART for future expansion

Dual-Band T style antennas for perfect Xrossband compatibility



**GEMINI AND CROSSBAND (GEMX)**



**Ranger Nomad Bandit**

ExpressLRS Dual-Band Mode Compatibility Chart

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

Notes:  
 \* 2.4G mode requires 2.4GHz antenna.  
 \* Sub 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

Requirements:  
 XR1: Requires 2.4GHz or Dual-Band Antenna  
 XR2: Requires 900MHz or Dual-Band Antenna  
 XR3: Requires Dual-Band Antenna

**SPECIFICATIONS**

Item	XR4 ExpressLRS Xrossband 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	RF Target	RadioMaster XR4 & XR3 ExpressLRS RX
Telemetry Power	100mW	Bus Interface 1	CRSF
Maximum receive refresh rate	4K500Hz / 1K100Hz	Bus Interface 2	UART

