

EMLID

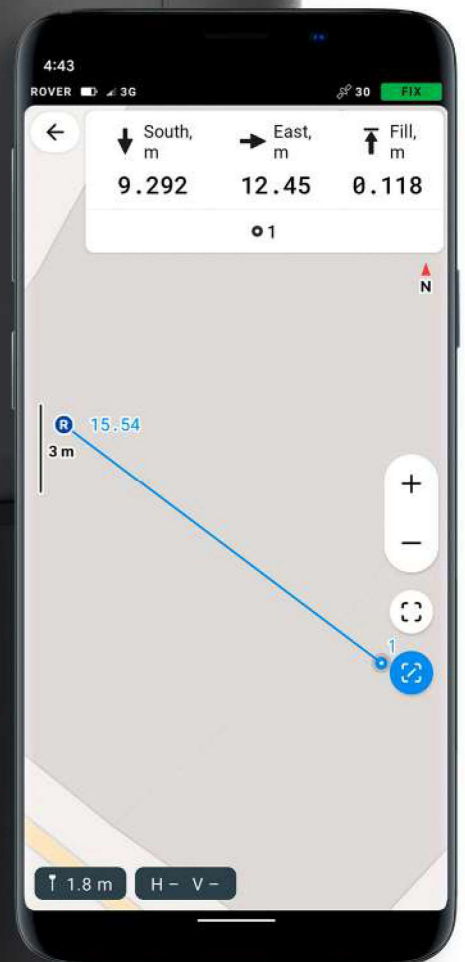
REACH RX

Multi-band network RTK rover



Key features

- Tracks GPS/QZSS L1C/A, L2C, GLONASS L1OF, L2OF, BeiDou B1I, B2I, Galileo E1-B/C, E5b
- Gets a fix in 5 seconds
- Centimeter precision
- Easy to set up: just add NTRIP
- Comes with the ReachView 3 app
- Pocket-sized and lightweight
- 16 hours on 1 charge
- IP68



REACH RX

Technical specifications

POSITIONING

| | | |
|-----------|-----|---------------------------------|
| Precision | RTK | H: 7 mm+1 ppm V: 14 mm+1 ppm |
|-----------|-----|---------------------------------|

| | | |
|------------------|--|---------------|
| Convergence time | | ~5s typically |
|------------------|--|---------------|

| | | |
|----------------|--|--|
| Signal tracked | | GPS/QZSS L1C/A, L2C, GLONASS L1OF, L2OF, BeiDou B1I, B2I, Galileo E1-B/C, E5b |
|----------------|--|--|

| | | |
|--------------------|--|-----|
| Number of channels | | 184 |
|--------------------|--|-----|

| | | |
|--------------|--|------|
| Update rates | | 5 Hz |
|--------------|--|------|

CONNECTIVITY

| | | |
|-------------------------|--|---------------|
| Communication interface | | Bluetooth 4.2 |
|-------------------------|--|---------------|

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|-------|--|------------|
| Ports | | USB Type-C |
|-------|--|------------|

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|-------------------|--|-------|
| Input data format | | RTCM3 |
|-------------------|--|-------|

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|---------------------|--|-------|
| Input data protocol | | NTRIP |
|---------------------|--|-------|

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|-----------------|--|------|
| Position output | | NMEA |
|-----------------|--|------|

MECHANICAL

| | | |
|------------|--|-------------------------------------|
| Dimensions | | 172x51x51 mm (6.77x2.00x2.00 in) |
|------------|--|-------------------------------------|

| | | |
|-------|--|-------------|
| Mount | | 5/8"-11 UNC |
|-------|--|-------------|

| | | |
|--------|--|-----------------|
| Weight | | 250 g (8.81 oz) |
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| Ingress protection | IP68 (maximum depth of 1.5 meters up to 30 minutes) | |
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|--------------|--|----------------|
| Operating t° | | -20 to + 65 °C |
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ELECTRICAL

| | | |
|----------|--|--------------|
| Autonomy | | Up to 16 hrs |
|----------|--|--------------|

| | | |
|---------|--|---------------------------------|
| Battery | | Li-Ion 5200 mAh, 3.6V, 18.72 Wh |
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| | | |
|----------|--|--------------------|
| Charging | | USB Type-C, 5V, 2A |
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| | | |
|---------------|--|-------------|
| Certification | | FCC, CE, IC |
|---------------|--|-------------|

More information about Reach RX



Emlid Software and services

Emlid Studio

Easy-to-use free software to simplify your post-processing workflow.



ReachView 3

Android & iOS survey app for data management.



Emlid NTRIP Caster

Pass corrections between your RTK GNSS receivers over the Internet.

