



# WAY™

designed and developed by:  
**FIKO**  
GROUP OF COMPANIES

## WORLD NAVIGATION PRODUCTS

# WAY D3x GPS

**Ruggedised high performance GPS**

### High performance SiRF Star III GPS receiver

(20 channels, L1-C/A code, DGPS EGNOS/WAAS, WGS84, NMEA)

### Wide input voltage range

(6 to 26VDC low power consumption suitable for battery operation)

### Near-to water proof

(designed for FIKO's anodised aluTECH aluminium casing where the top case measures just 37x52x21mm or 1.45x2.05x0.82 inches)

### RS-232 serial data output - 4,800 to 57,600 bps.

(USB data output available via WAY iUSB, a USB to RS-232 converter)

### Mini active GPS antenna included



μFDEX BUS SYSTEM® as option

## WAY D3x GPS RECEIVER

The WAY D3x GPS from FIKO is a 20 channel all-in-view SiRF GPS receiver providing data output to RS-232 or by optional using our iUSB adapter that allows WAY D3x GPS and other RS-232 devices to communicate with the USB port. The D3x accepts input voltage from 6 to 26VDC and uses low power, also suitable for battery powering.

The auTECH casing is designed for fix mounting and comes with fastening bracket with four screw holes.

## WHERE ARE YOU?

D3x provides precise GPS location information to be used in any map software capable to read NMEA GGA, GSA, GSV, RMC, VTG, GLL or SiRF binary GPS protocols so that's why we did choose "WAY" as our brand name for our navigational products, as this stands simply for "Where Are You?".

## EASY FIXED INSTALLATION

By providing the included drill and screws, you may install WAY D3x GPS as a fixed installation in your car, truck, boat or anywhere where you require a fixed GPS installation. The included antenna comes with a handy 3 meter cable where all you need to do is to connect power and the antenna cable connector to the RF connector on WAY D3x GPS module.

## READY TO GO?

The WAY D3x GPS is ready to go with any NMEA or SiRF binary navigational software. To help software developers, FIKO can also provide the fast and highly reliable Direct Memory Access-based GPSWAY32.DLL that handles all NMEA GPS information through RS-232 or USB virtual COM-ports directly (for VB, C++, Watcom etc.)

**Receiver 20 channel, NMEA-0183, WGS84**  
**Accuracy 10m or 5m with EGNOS/WAAS**  
**Altitude max 18,000m or 60,000 feet**  
**Velocity max 515m/sec. or 1,000 Knots**  
**Acceleration < 4G**  
**Snap start < 3 sec. - Hot start < 8 sec.,**  
**Warm start < 38 sec. - Cold start < 45 sec.**  
**Operating temperature -40°C to +85°C**



L1, 1575.42 MHz C/A code 1.023 MHz chip rate

# WAY D3x GPS

20 CHANNELS EGNOS/WAAS GPS