



**X10DR®**  
LIBERATE YOUR MOBILE RADIO

**XIVG Series Gateway**

## PRODUCT SHEET



To provide even greater installation flexibility, Wireless Pacific developed the XIVG Series internally mounted version of the X10DR Plus Gateways. The electronics inside the XIVG Plus gateway is identical to the standard X10DRMD-EX2 Elite Plus or X10DRMD-PU2 Pro Plus gateways. The XIVG gateways are intended as highly compact gateways and as such do not provide handset charging. Depending on the deployment choose either vehicle or desktop chargers to recharge their associated handsets.

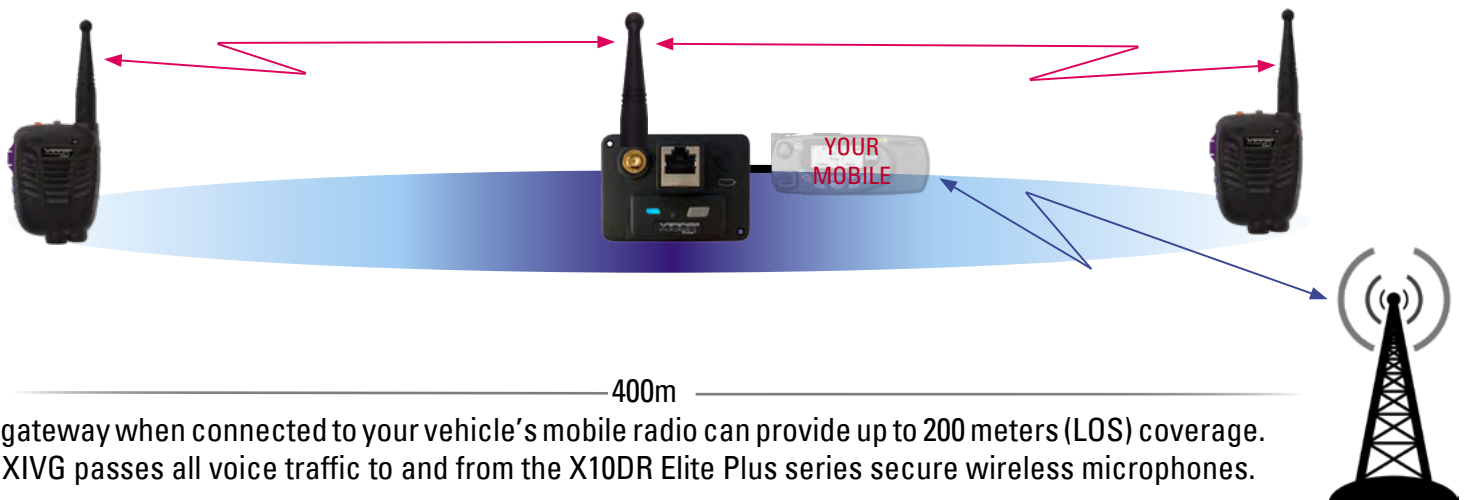
### Control Station / Control Room Use

XIVG Gateways can be mounted 10's of meters away from the host radio/control station, to maximize around building coverage. This makes the XIVG packaging ideal for warehouse installations, or in those situations where the required building coverage might be better achieved by mounting the gateway in a central building high point overlooking the office work areas below.

### Simple Installation

Operating in the 2.4GHz band means antenna coax cable losses can be significant. Even the best available practical coax cables suffer a 3dB loss on a typical 5.2 meter cable run. That's the equivalent of losing half the RF signal! The XIVG unique design incorporating a directly attached XSMA2 Ground Independent Antenna (same as fitted to an X10DR handset) enabling range in excess of 400 meters, line of sight, coverage when mounted on a ceiling of a huge open plan warehouse or Control room or other business office deployments. Alternatively, for vehicle based users requiring nominal 100-200 meter open air coverage, it can be sited near the host mobile radio, preferably in an area without of vehicle visibility.

**... up to 400 meters.**



The gateway when connected to your vehicle's mobile radio can provide up to 200 meters (LOS) coverage. The XIVG passes all voice traffic to and from the X10DR Elite Plus series secure wireless microphones.

## Installation Cables

Standard connection to the XIVG is via the supplied short 15cm XIC shielded flat interface cable. A variety of XIC cable lengths are available from 50 cm up to 25 meters for use where you may desire, for example, for the gateway to be mounted on a control room ceiling to maximize coverage from the supplied XSMA2 ground independent antenna.

## Touchless Pairing Process

To pair a handset, first take the handset to be paired and put it into pairing mode - simultaneously press the volume up/down buttons for 5 seconds until you hear pairing tones.

(Note: handsets previously un-paired will power up in pairing mode).

Next power off the host radio connected to the XIVG. Now unplug the XIC interface cable from the XCA radio adaptor. Wait 2 seconds and then plug the XIC cable back in. Now hold handset near gateway and wait until confirmation tones sound as automatic pairing will be enabled in the gateway for the next 30 seconds. When desired, turn off the paired handset and pair another handset in the same manner. When completed, power on the host mobile radio and power off/on all handsets. Wait until they connect and operate as desired.

## Antenna Choice

For maximum range we suggest use of an XMPA multipolarity antenna, but for some applications, connecting a standard handset XSMA2 antenna directly to the XIVG gateway will provide sufficient out of vehicle communications. Ideally it should be positioned so antenna is unblocked in the required coverage area. Always pre-trial actual performance to make sure your users' operational needs are met.

# ORDERING GUIDE

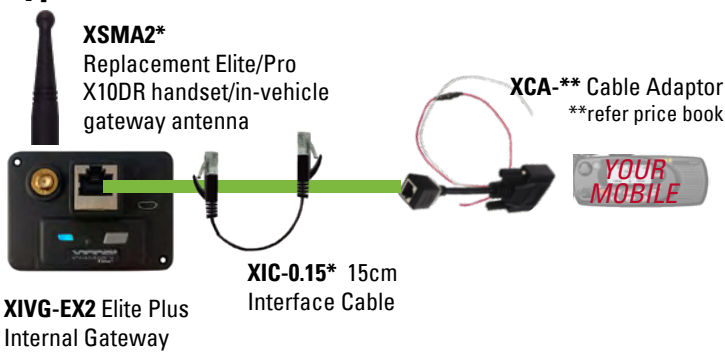
To order a XIVG-EX2 Internal gateway configuration for vehicular use, order:

- 1x XIVG-EX2 Internal Elite Plus Gateway.
- 1x X10DRSM-EX2 Elite Plus Handset Package. Order 2 for Dual Elite Plus Mic operation.
- 1x XMVC Mobile Vehicle charger.
- 1 x XDCC-RJ 12VDC Power Cable 1.5m.
- 1x XCA-\*\* Cable Adaptor - \*\*radio model specific. (refer pricebook)

To order a XIVG -EX2 gateway configuration for office use, order:

- 1x XIVG-EX2 Internal Elite Plus Gateway.
- 1x X10DRSM-EX2 Elite Plus Handset Package. Order 2 for Dual Elite Plus Mic operation.
- 1 x XDTC-\*1 Desktop Charger. \*1 Add US/ EU or AU Suffix for AC connector type.
- 1 x XIC-\*2 Interface cable. \*2 Order required cable length desired for your particular installation requirement.
- 1x XCA-\*\* Cable Adaptor - \*\* radio model specific (refer pricebook)

## Typical Installation



\*Included in XIVG package

## Type Approval

FCC ID: 2AGEY-XH2 / 2AGEY-XG2

IC:11443A-XH2/ IC:11443A-XG2

