

## 2016 Commercial Price List

### ITS23S COHERENT RECEIVER SYSTEM



The **ITS23S** is an updated version of the ITS10S coherent receiver system originally developed in 1994 by NorthWest Research Associates. This model is physically and electronically similar to the [ITS33S Three-Band receiver](#), lacking only the L-Band (1067 MHz) capability.

Frequency coverage is approximately from -220 to +110 ppm, allowing coverage of the NIMS (OSCAR) satellites on both Operational and Maintenance frequencies, and the Geodetic and CERTO beacons operating at +80 ppm. This range also covers two of the Russian NavSat frequencies, 0 and -200 ppm.

The ITS23S is made to order, and so significant cost savings can be realized if multiple units are ordered at the same time. **ITS23S** prices are as follows:  
(Price includes Receiver, Antenna, Computer\*, Cables & Software)

Quantity	Price (per unit)
1	\$20,000
2	\$19,000
3	\$18,000
4	\$16,000

\*The receiver is operated through an associated Windows-based PC, and is intended to operate remotely and unattended. As an option, a Laptop computer can be substituted for the desktop for an additional \$500 per unit.

Contact: Frank Smith  
NorthWest Research Engineering, LLC  
10522 Lake City Way NE #C-201  
Seattle WA 98125  
(206) 300 5752  
[frank@nwra.com](mailto:frank@nwra.com)