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## Worldwide Product Range Retail Price List (all prices in U.S. \$) First Quarter 2002

### Entry-Level Tracking & Head Mounted Display Solutions

#### InterTrax<sup>2</sup>™

The world's smallest and lightest precision head tracker providing 3 degrees of freedom tracking (Yaw, Pitch, and Roll) and designed specifically for integration with consumer and professional head mounted displays. InterTrax<sup>2</sup> is available in two models: an HID compliant USB model, and an RS-232 model, which is software compatible with the original InterTrax30. With both models, the price includes on-board processing, an integrated sensor for measuring the 3 degrees of freedom, and a 3 meter (10 foot) integrated cable. The RS-232 model also includes a power adapter (specify country or region). A product CD including manuals, PC diagnostic testing tools and interactive demonstration software for PC is also included.

InterTrax <sup>2</sup> ™			
Product Description		Part Number	List Price
InterTrax <sup>2</sup> ™ USB	Precision Head Tracker	ISC-ITRAX-2USB	\$995
InterTrax <sup>2</sup> ™ RS-232C	Precision Tracker, Europe	ISC-ITRX2-0SEU	\$995
InterTrax <sup>2</sup> ™ RS-232C	Precision Tracker, UK	ISC-ITRX2-0SUK	\$995
InterTrax <sup>2</sup> ™ RS-232C	Precision Tracker, Japan	ISC-ITRX2-0SJP	\$995
InterTrax <sup>2</sup> ™ RS-232C	Precision Tracker, US	ISC-ITRX2-0SUS	\$995

#### InterSense Head Mounted Display Options

InterSense also offers a full range of HMD display systems for use with all our head tracking solutions, from the consumer based InterTrax2 to the high-end precision 6 degrees of freedom IS-900. HMD options available include Olympus, Daeyang, CyberMind and i-O Displays for the entry-level solutions and Kaiser, n-Vision and for the high-end wide field of view, high-resolution solutions. For more information and technical specifications on these HMD displays, please contact your local InterSense sales representative.

## Precision Tracking Solutions

### **InertiaCube<sup>2</sup>™**

InertiaCube<sup>2</sup>™ is the world's smallest and lightest, sourceless precision head tracker providing accurate 3 degrees of freedom orientation tracking with no limits. Designed specifically as a serial device to connect to any Windows-based operating system computer via a standard RS-232 port, the InertiaCube<sup>2</sup>™ provides tracking in a full 360-degree range on all axes at 115 kbaud rate. Tracking at a constant 120 Hz update rate ensures zero determinable lag, drift and jitter. InertiaCube<sup>2</sup>™ delivers precision tracking on cable lengths of up to 75 feet. Standard cable length is 15 feet.

<b>InertiaCube<sup>2</sup>™</b>				
<u>Product Description</u>		<u>Part Number</u>		<u>List Price</u>
InertiaCube <sup>2</sup> ™ RS-232C Precision Tracker, Europe		ISC-SC210-A0EU		<b>\$1,695</b>
InertiaCube <sup>2</sup> ™ RS-232C Precision Tracker, UK		ISC-SC210-A0UK		<b>\$1,695</b>
InertiaCube <sup>2</sup> ™ RS-232C Precision Tracker, Japan		ISC-SC210-A0JP		<b>\$1,695</b>
InertiaCube <sup>2</sup> ™ RS-232C Precision Tracker, US		ISC-SC210-A0US		<b>\$1,695</b>

### **IS-300 Pro**

Full range, precision, 3 degrees of freedom orientation tracker with the capability of handling up to four InertiaCube sensors, and providing motion prediction up to 50ms and update rates up to 500 Hz. Price includes base processing unit, RS-232 null modem cable, power cord, and one InertiaCube orientation sensor with a 3 meter (10 foot) integrated cable.

<b>IS-300 Pro Products:</b>				
<u>Product Description</u>		<u>Part Number</u>		<u>List Price</u>
IS-300 Pro Europe		ISC-300P0-00EU		<b>\$4,375</b>
IS-300 Pro UK		ISC-300P0-00UK		<b>\$4,375</b>
IS-300 Pro Japan/US		ISC-300P0-0000		<b>\$4,375</b>

## IS-600 Mark 2

Precision 6 degrees of freedom orientation and position tracker with flexible operating modes, easy read status LCD and motion prediction up to 50 ms. Capable of tracking up to four 6 degrees of freedom stations simultaneously. The X-Bar component triggers the ultrasonic (SoniDisc) source(s) for position sensing and is modular for custom installations. The standard area coverage of one X-Bar is 3 meters x 3 meters. Up to four X-Bars can be attached to one base-processing unit. Price includes base processing unit, RS-232 null modem cable, power cord, one X-Bar, three SoniDisc position sensors, and one InertiaCube orientation sensor with a 3 meter (10 foot) integrated cable.

<b>IS-600 Mark 2 – 52” or 24” X-Bar Systems:</b>		
<b>Product Description</b>	<b>Part Number</b>	<b>List Price</b>
Mark2 System, 52” X-Bar, Europe	ISC-MARK2-01EU	<b>\$13,685</b>
Mark2 System, 52” X-Bar, UK	ISC-MARK2-01UK	<b>\$13,685</b>
Mark2 System, 52” X-Bar, Japan/US	ISC-MARK2-01US	<b>\$13,685</b>
Mark2 System, 24” X-Bar, Europe	ISC-MARK2-02EU	<b>\$13,685</b>
Mark2 System, 24” X-Bar, UK	ISC-MARK2-02UK	<b>\$13,685</b>
Mark2 System, 24” X-Bar, Japan/US	ISC-MARK2-02US	<b>\$13,685</b>

## IS-600 Mark 2 Plus

In addition to the IS-600 Mark 2, the IS-600 Mark 2 Plus features an advanced Digital Signal Processing acoustic system for improved position sensing. The Mark 2 Plus includes hardwired SoniDisc along with new URM's (Ultrasonic Receiving Module), which provide improved acoustic immunity.

<b>IS-600 Mark 2 PLUS – 52” or 24” X-Bar:</b>		
<b>Product Description</b>	<b>Part Number</b>	<b>List Price</b>
Mark2PLUS, 52” X-Bar, Europe	ISC-M2PLS-01EU	<b>\$15,985</b>
Mark2PLUS, 52” X-Bar, UK	ISC-M2PLS-01UK	<b>\$15,985</b>
Mark2PLUS, 52”X-Bar, Japan/US	ISC-M2PLS-01US	<b>\$15,985</b>
Mark2PLUS, 24” X-Bar, Europe	ISC-M2PLS-02EU	<b>\$15,985</b>
Mark2PLUS, 24” X-Bar, UK	ISC-M2PLS-02UK	<b>\$15,985</b>
Mark2PLUS, 24” X-Bar, Japan/US	ISC-M2PLS-02US	<b>\$15,985</b>

## **IS-900 Systems**

The IS-900 product line represents a breakthrough in precision motion tracking for all types of immersive 3D applications. With the most precise, real-time, 6 degrees of freedom multi-point tracking available, the constellation design of the IS-900 offers users the ability to track head, hands and objects over an unlimited range, in an easily installed and calibrated system.

Using our proprietary SensorFusion™ software to combine the latest advances in inertial and ultrasonic tracking, the IS-900 delivers tracking resolution in the millimeter range for position, and below a degree for orientation. From CAVEs™, ImmersaDesks, and PowerWalls™, to rooms, buildings and production studios, the IS-900 product line offers the ideal precision motion tracking solution for your specific application.

The standard cable lengths for the IS-900 tracking devices are as follows.

MiniTrax Head and Hand Trackers – 40 ft. (20 ft. extension cable is optional)

Wand and Stylus Trackers – 30 ft. (20 ft. extension cable is optional)

The following are baseline prices without options. Contact your local sales representative for more details.

### **IS-900 VWT (Virtual Workbench Tracker)**

Configuration allows for tracking a volume of 2 X 1.5 X 2 meters. System includes one two-button stylus and one MiniTrax head-tracking device.

<b>IS-900 VWT:</b>		
<b><u>Product Description</u></b>	<b><u>Part Number</u></b>	<b><u>List Price</u></b>
IS-900 Virtual Workbench Tracker, Europe	ISC-IS900-VWTE	<b>\$17,900</b>
IS-900 Virtual Workbench Tracker, UK	ISC-IS900-VWTK	<b>\$17,900</b>
IS-900 Virtual Workbench Tracker, Japan/US	ISC-IS900-VWTU	<b>\$17,900</b>

### **IS-900 VET (Virtual Environment Tracker)**

Configuration allows for tracking a volume of 3 X 3 X 3 meters. System includes one three-button wand and one MiniTrax head tracker.

<b>IS-900 VET:</b>		
<b><u>Product Description</u></b>	<b><u>Part Number</u></b>	<b><u>List Price</u></b>
IS-900 Virtual Environment Tracker, Europe	ISC-IS900-VE TE	<b>\$29,900</b>
IS-900 Virtual Environment Tracker, UK	ISC-IS900-VETK	<b>\$29,900</b>
IS-900 Virtual Environment Tracker, Japan/US	ISC-IS900-VETU	<b>\$29,900</b>

## Add-on options for new or existing systems

<b>InertiaCube<sup>2</sup> Options:</b>		
InertiaCube <sup>2</sup> Extension Kit, 20' cable length, US	ISC-SEREX-00US	<b>\$500.00</b>
InertiaCube <sup>2</sup> Extension Kit, 20' cable length, Japan	ISC-SEREX-00JP	<b>\$500.00</b>
InertiaCube <sup>2</sup> Extension Kit, 20' cable length, UK	ISC-SEREX-00UK	<b>\$500.00</b>
InertiaCube <sup>2</sup> Extension Kit, 20' cable length, Europe	ISC-SEREX-00EU	<b>\$500.00</b>
Please call for pricing on cable lengths greater than 20 ft		

<b>IS-300 Options:</b>		
InertiaCube	ISC-IMU00-0000	<b>\$1,437</b>
InertiaCube Extension Cable 12'unamplified	ISC-IMU00-EX12	<b>\$250</b>
T-Bar, for IS-300	ISC-TBAR0-0300	<b>\$400</b>

<b>IS-600 Options and additional accessories</b>		
InertiaCube	ISC-IMU00-0000	<b>\$1,437</b>
InertiaCube Extension Cable 12'unamplified	ISC-IMU00-EX12	<b>\$250</b>
Fusion Bracket for Mark2	ISC-FUSION-BRM2	<b>\$65</b>
Fusion Bracket for Mark2 Plus	ISC-FUSION-BRAK	<b>\$65</b>
X-Bar to base unit cable, 34'	078-00004-0035	<b>\$200</b>
X-Bar main hub to Receiver Pod shielded cable for custom install (set of four, each 10') – MARK2 Only	ISC-REMOT-J120	<b>\$300</b>
T-Bar, for IS-600	ISC-TBAR0-0600	<b>\$550</b>
<b>X-Bar Only for IS-600 Products:</b>		
Mark2 System, 52" X-Bar, X-Bar ONLY	ISC-MARK2-01XB	<b>\$3,730</b>
Mark2 System, 24" X-Bar, X-Bar ONLY	ISC-MARK2-02XB	<b>\$3,685</b>
Mark2PLUS, 52" X-Bar, X-Bar ONLY	ISC-M2PLS-01XB	<b>\$3,795</b>
Mark2PLUS, 24" X-Bar, X-Bar ONLY	ISC-M2PLS-02XB	<b>\$3,750</b>
<b>SoniDiscs' for MARK2:</b>		
Modification of SoniDiscs for external battery	ISC-SONID-UPGD	<b>\$100</b>
Replacement for SoniDisc internal battery	ISC-SONID-BTRP	<b>\$100</b>
SoniDisc Yellow	067-E0064-0130	<b>\$199</b>
SoniDisc, Blue	067-E0064-0140	<b>\$199</b>
SoniDisc, Green	067-E0064-0150	<b>\$199</b>
SoniDisc, Red	067-E0064-0160	<b>\$199</b>
SoniDisc, Cyan	067-E0064-0170	<b>\$199</b>
SoniDisc, Magenta	067-E0064-0180	<b>\$199</b>
SoniDisc, White	067-E0064-0190	<b>\$199</b>
SoniDisc, Grey	067-E0064-0200	<b>\$199</b>
<b>SoniDiscs' for MARK2 PLUS:</b>		
SoniDisc, wire trigger – M2PLUS	ISC-SONID-0100	<b>\$200</b>

## Add-on options for new or existing systems - continued

<b>IS-900 Accessories:</b>		
IS-900 MiniTrax Head Tracker, 40 ft standard cable length	ISC-IS900-MHD0	<b>\$2,500</b>
IS-900 MiniTrax Hand Tracker, Right Hand, 40 ft standard cable length	ISC-IS900-MRW0	<b>\$2,850</b>
IS-900 MiniTrax Hand Tracker, Left Hand, 40 ft standard cable length	ISC-IS900-MLW0	<b>\$2,850</b>
IS-900 Wand Tracker, 30 ft standard cable length	ISC-IS900-WAND	<b>\$2,650</b>
IS-900 Stylus Tracker, 30 ft standard cable length	ISC-IS900-STYL	<b>\$2,275</b>
IS-900 extension cable 20 ft	078-00055-0020	<b>\$250</b>
IS-900 SoniStrip 4 Port Expansion Hub, US/Japan	ISC-IS900-BHU4	<b>\$1,500</b>
IS-900 SoniStrip 4 Port Expansion Hub, UK	ISC-IS900-BHK4	<b>\$1,500</b>
IS-900 SoniStrip 4 Port Expansion Hub, EU	ISC-IS900-BHE4	<b>\$1,500</b>
<b>IS-900 SoniStrip Packs for Enlarged Tracking Area</b>		
Standard 4' SoniStrip PK, 6 each for 2 x 2 meter area	ISC-SRAIL-4PK1	<b>\$5,000</b>
Standard 6' SoniStrip PK, 6 each for 3 x 3 meter area	ISC-SRAIL-6PK1	<b>\$5,000</b>
<b>Individual SoniStrips 2', 4' or 6'</b>		
Individual SoniStrips 2'	ISC-SRAIL-200X	<b>\$880</b>
Individual SoniStrips 4'	ISC-SRAIL-400X	<b>\$880</b>
Individual SoniStrips 6'	ISC-SRAIL-600X	<b>\$880</b>
Please specify the appropriate SoniStrip number in place of the 'X' when ordering		
<b>IS-900 Onsite Installations:</b>		
On-Site Installation Services/2 DAY US*	ISC-INSTA-LLUS	<b>\$3,000</b>
On-Site Installation Services/2 DAY Europe*	ISC-INSTA-LLIL	<b>\$3,800</b>
Additional Day of On-Site Installation Service*	ISC-INSTA-LL00	<b>\$1,500</b>

\*Installation costs do not include travel and expenses as these are quoted on a per contract basis

## **Product Warranty Options**

### **Basic Warranty**

Each InterSense product shall conform to the applicable specifications and be free from defects in materials and workmanship for twelve (12) months after retail sale of the product. This warranty is exempt from (i) customer abuse or misuse, whether accidental or otherwise, (ii) normal wear and tear of components through general use, and (iii) damage caused by the opening or tampering with any system items or other causes not specifically within InterSense's direct control.

### **Extended Warranty Options**

Extended warranty coverage on all products may be requested in writing by the customer at any time prior to the completion of the initial system installation. Additional coverage may be requested in writing by the customer prior to the expiration of the extended warranty term.

#### **24 Month Gold Extended Warranty (10% of System List Price)**

*Ensure a higher level of support with the InterSense Gold Extended Warranty.* The InterSense Gold Extended Warranty costs 10 percent of the system list price, including all accessories, and provides the following benefits in addition to the basic warranty:

- 1 year extension of basic warranty for parts & labor (24 months total)
- Free recalibration of inertial sensors (i.e. InertiaCube, IS-900 trackers)
- 20% off of all service items (i.e. SoniDisc replacements/upgrades, on-site recalibration of IS-900 system)
- 20% off of No Fault / Non-Warranty repairs
- Priority scheduling on repairs
- Free Technical Support and Software Upgrades

#### **24 Month Platinum Extended Warranty (15% of System List Price)**

*Ensure the ultimate level of support with the InterSense Platinum Extended Warranty.* The InterSense Platinum Extended Warranty costs 15 percent of the system list price, including all accessories and provides the following benefits in addition to the basic warranty:

- 1 year extension of basic warranty for parts & labor (24 months total)
- Free recalibration of inertial sensors (i.e. InertiaCube, IS-900 trackers)
- Free On-Site Installation Services as required, but excluding travel and subsistence costs (Charged per occasion and applicable to 900 VET systems only)
- 30% off service items (i.e. SoniDisc replacements / upgrades, on-site recalibration of IS-900 system)
- 30% off of No Fault / Non-Warranty repairs
- 48 hour repair or exchange of damaged or faulty items
- Free Technical Support and Software Upgrades

### **Limitations**

THE WARRANTIES MADE BY INTERSENSE, INC. ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. This warranty is exempt from (i) customer abuse or misuse, whether accidental or otherwise, (ii) normal wear and tear of components through general use, and (iii) damage caused by the opening or tampering with any system items or other causes not specifically within InterSense's direct control. In no event shall InterSense be responsible for personal injury or damage caused to customer's or a third party's equipment resulting from the handling or use of InterSense's product. In all cases, InterSense's liability shall not exceed the purchase price of the products.

### **Warranty Return Process**

All items for which a warranty claim is made must be returned to InterSense at the customer's expense. Customers must contact InterSense Customer Support to obtain a Return Material Authorization (RMA) number prior to returning defective items and include a description of the deficiency. Upon receipt, InterSense will confirm the warranty applicability and promptly repair or replace the item(s) at InterSense's option. All items determined to be non-warranty returns will be quoted with applicable repair or replacement, handling and return shipment costs.

### **Additional Services**

#### **Telephone Support & Call-Out Service**

InterSense offers all customers unlimited telephone support during the first year of service, which provides access to experienced technical support staff. However, if customer questions or problems cannot be resolved over the phone and the issue or fault is deemed to be a non-warranty issue then full return-to-base and on-site services are available at an additional cost.

#### **Training Courses**

InterSense believes that customers should become as independent as possible and use their resources to maximum efficiency. As a customer option, InterSense offers in-house or customer on-site training courses designed to enable the customer to conduct system setup, calibration, diagnostic tests and routine maintenance tasks. InterSense also offers software-training courses for the integration and setup of tracking systems in immersive environments. All training courses are quoted on a per-contract basis and may be handled by an approved third-party provider.

#### **On-Site Spares Package**

While not an essential part of the supply and support plan, it is recommended that customers requiring maximum autonomy and availability of the tracking system should consider holding a selection of recommended spare parts on site. Exact requirements will depend on the type of tracking product purchased and the scale of the installation. These can be discussed with the Sales Representative as required by the customer.