



## FEATURES

- EPC Class 1 Gen 2 Support
- Integrated antenna
- Fixed Scanner
- Ethernet connectivity
- No RF Spill over
- Nconnect API support

## PRODUCT OVERVIEW

The IRYS Tunnel is a fixed scanner and used to scan a stack of jewellery trays instantaneously, saving considerable time and effort. Ethernet based ruggedize device is world's first high speed - high density UHF Scanner. The outer structure of High Impact Polystyrene (HIP) has been specially designed to create a well-defined scanning zone

Tunnel used LAN technology to upload tags ID to computers/PDAs in a real-time mode and meets industry standard EPC Class 1 Gen 2 tag support

This tunnel scanner is particularly suited to large jewellery stores and warehouses.

## BENEFITS

- Excellent high speed - high density scanning
- Reliable performance
- Suited for large workplaces
- Eliminates cross scans
- Works with Windows and Android apps

## APPLICATIONS

### Item-Level Inventory Management

- Stock audit
- List preparation
- List verification
- Inter department transfers
- Issue>Returns

### Dispatch Management

- Invoice verification
- Packing list generation
- Consignment transfers

## ABOUT IRYS

irys Pte. Ltd., a Gems & Jewellery centric RFID company, pioneers in conceptualizing and developing smarter Jewellery Management Solutions using next generation auto-identification technologies. Our products target not only at optimizing efficiency and accuracy of stock verification processes, but also at providing valuable Business Intelligence for effective planning of production, stocking and movement of Jewellery products to maximize business gains.

Headquartered in Singapore, irys focuses strongly on customers' needs and perspectives. Backed by domain experience, irys provides a new and innovative approach to managing jewellery business that resembles a flexible and a cost efficient system.



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## TECHNICAL SPECIFICATIONS

|                          | ITEM                                                                                                                                                                    | DETAILS                                                                                                                                          |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>RF Specifications</b> | <ul style="list-style-type: none"> <li>• Frequency</li> <li>• Max Power</li> <li>• Channel Occupation Method</li> <li>• Antenna Gain</li> <li>• Polarization</li> </ul> | <ul style="list-style-type: none"> <li>• 865-867Mhz</li> <li>• 1.41W</li> <li>• Frequency Hopping</li> <li>• 5.0dBi</li> <li>• Linear</li> </ul> |
| <b>Power Consumption</b> | <ul style="list-style-type: none"> <li>• Idle</li> <li>• Normal</li> <li>• Max</li> </ul>                                                                               | <ul style="list-style-type: none"> <li>• 3W</li> <li>• 13.5W</li> <li>• 15W</li> </ul>                                                           |
| <b>Dimensions</b>        |                                                                                                                                                                         | <ul style="list-style-type: none"> <li>• 530 x 350 x 270 mm</li> </ul>                                                                           |
| <b>Weight</b>            |                                                                                                                                                                         | <ul style="list-style-type: none"> <li>• 12kgs/26.5lbs</li> </ul>                                                                                |
| <b>LAN</b>               | <ul style="list-style-type: none"> <li>• RJ-45</li> </ul>                                                                                                               | <ul style="list-style-type: none"> <li>• 10/100BASE-T</li> </ul>                                                                                 |
| <b>USB</b>               |                                                                                                                                                                         | <ul style="list-style-type: none"> <li>• USB 1.1 Compatible</li> </ul>                                                                           |
| <b>RS232</b>             |                                                                                                                                                                         | <ul style="list-style-type: none"> <li>• 115200 Baud rate</li> </ul>                                                                             |
| <b>Operating Temp</b>    |                                                                                                                                                                         | <ul style="list-style-type: none"> <li>• -20 to +50C</li> </ul>                                                                                  |
| <b>Storage Temp</b>      |                                                                                                                                                                         | <ul style="list-style-type: none"> <li>• -20 to +70C</li> </ul>                                                                                  |
| <b>Power Supply</b>      | <ul style="list-style-type: none"> <li>• Input</li> <li>• Output</li> </ul>                                                                                             | <ul style="list-style-type: none"> <li>• 110-240V/50-60Hz/0.15A</li> <li>• 24V, 0.8A</li> </ul>                                                  |
| <b>Warranty</b>          |                                                                                                                                                                         | <ul style="list-style-type: none"> <li>• 1 year</li> </ul>                                                                                       |