



FAQ's about HID Compatibility for *Pyramid Series Proximity*TM

Below is a list of questions we've been asked regarding our recent launch of Pyramid Series Proximity's newest feature, optional HID compatibility.

Why was Keri Systems granted a License?

It has been said that if a market is to continue to grow, there must be recognized industry standards. We at Keri understand this. Through the License Agreement with Keri, HID has effectively created a fully compatible, viable second source for OEM proximity readers, and thereby a de-facto industry standard. For the first time, end user customers now have a choice when using proximity reader technology that abides by a recognized industry standard.

To the end customer, what is the advantage of the License?

The chief advantage to the end customer is the increase in the choice of products that offer HID's patented *Prox by HID*TM technology. However it is also widely known that products based upon a standard provide for healthy and open competition. As a result, end user customers may very well enjoy such tangible benefits as lower pricing, shorter lead times and improved customer service from manufacturers that adhere to a standard.

Is it a real License Agreement?

Yes it is. Although the details of the Agreement are confidential, both HID and Keri have issued press releases. These can be found at our respective web sites, www.hidcorp.com and www.kerisys.com.

Are all Pyramid Series readers HID compatible?

HID compatibility is an **optional feature** allowing the Pyramid Series readers to read standard HID cards and tags, as well as all the Pyramid Series cards and tags. To order Pyramid Series readers configured to be HID compatible, simply add the "H" suffix to the readers' model number (e.g. P-300-H) and add the per reader surcharge. These readers also carry a small label indicating they include HID's patented *Prox by HID*TM technology.

How much more does optional HID compatibility cost?

The surcharge for HID compatibility may vary from supplier to supplier. Keep in mind that not all projects require HID compatibility. If your project does not have existing HID cards or will not use them in the future, then order standard Pyramid Series readers without HID compatibility and avoid paying the surcharge. For more information, please feel free to contact Keri or your system supplier directly.

What HID cards will HID compatible Pyramid Series readers read?

The Agreement with HID allows the complete line of Pyramid Series readers to be optionally configured to read HID's proximity access control cards and tags, including their ProxCard IITM, ISOProx IITM and Prox Key IITM. This includes virtually all Wiegand formats, such as the industry standard 26-bit Wiegand format, custom OEM formats, the Corporate 1000 format, and many others. Non-Wiegand formatted HID cards can usually be read, but may produce an output that is different from the output produced by a HID reader. HID reports though that these card formats are extremely rare. In addition, the Pyramid Series readers will always read all the Pyramid Series Proximity cards and tags, whether the reader's configured to read HID's card and tags, or not.

What HID bit formats will Pyramid Series readers configured to be HID compatible read?

Again, HID compatible Pyramid Series readers will read all standard Wiegand formatted HID cards and tags, including, though not limited to the industry standard 26-bit Wiegand format, custom Wiegand formats and the Corporate 1000 format. Pyramid Series readers utilize "pass through" technology, sometimes called "free floating", and will read and output standard and custom Wiegand bit formats from 1 to 64 bits in length. The key advantage of pass through technology is that the same Pyramid Series reader may be used to read all bit formats, eliminating the need to match card and reader formats.

Can HID compatible Pyramid Series readers read the Pyramid Series cards, too?

Yes, all Pyramid Series readers will also read all Pyramid Series cards and tags, whether the Pyramid Series readers are HID-enabled or not.

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Will HID compatible Pyramid Series readers read old IDI/Destron (HID's predecessor) cards?

HID compatible Pyramid Series readers were designed to read HID's standard Wiegand formatted proximity cards and tags, such as the formats normally programmed into the ProxCard II, ISOProx II and Prox Key II. They may also read what we consider to be non-standard HID cards, such as those manufactured by IDI/Destron and Clock & Data (mag stripe) formatted cards, although any data outputted will be per our Wiegand specification.

Does Keri plan to manufacture cards compatible with HID readers?

Although the Agreement does not preclude Keri from manufacturing cards and/or tags compatible with HID's proximity readers, we have not yet evaluated the market feasibility of delivering such cards and tags.

What's the difference between standard Pyramid Series readers and HID compatible Pyramid Series readers?

The difference between standard Pyramid Series readers and HID compatible Pyramid Series readers lies in their firmware. Firmware is special software that is inserted into a section of the reader's programmable read-only memory (PROM), thus becoming a permanent part of its operation. This special HID compatible firmware is built into the reader at the factory during the manufacturing process.

Do HID configured Pyramid Series readers hook-up the same as standard Pyramid Series readers?

Yes, wiring of optionally HID configured Pyramid Series readers is identical to that of the standard Pyramid Series readers.

What access control manufacturers are Pyramid Series readers configured to read HID cards compatible with?

HID compatible Pyramid Series readers will function with any access control panel that accepts a Wiegand input, which represents the vast majority of panels manufactured today. The readers have been successfully tested with systems from more than 50 access control manufacturers located around the world. For more information, please feel free to contact Keri directly.

Do you have plans for compatibility with other proximity-RFID manufacturers?

As HID is today the leading manufacturer of OEM proximity readers, cards and tags, we consider HID compatibility as the most important. However we are studying the expansion of our compatibility program with several other proximity providers.

Where can I buy Pyramid Series readers?

Pyramid Series is supported globally by an ever-expanding network of OEM system manufacturers, distributors and dealers. Please feel free to contact your local supplier and/or Keri for more information.

What is Keri's guarantee?

All Pyramid Series readers, with or without optional HID compatibility, are backed by a limited lifetime warranty against defects in materials and workmanship.

Who is Keri Systems?

The founders of Indala Corporation, known today as Motorola Worldwide Smartcard Solutions Division, established Keri Systems, Inc. These are people who know proximity access control. Since 1990 Keri's been providing the best in low cost, fully distributed, easy to install access control systems. With the recent introduction of Pyramid Series Proximity, Keri is becoming a dominant provider of OEM proximity readers, cards and tags as well.

How can I contact Keri Systems?

Please feel free to contact us at the address and numbers below. Alternatively our email address is sales@kerisys.com and our website is found at www.kerisys.com.

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