

Magic iRIID User Manual

Product name: **Magic iRIID**

Vendor name: **Mydison Limited**

Vendor contact URL: <https://www.Mydison.com>

Supported languages: **English**

Download Magic iRIID 64-bit URL: <https://mydison.com/Files/setup.exe>

Magic iRIID is listed in the Microsoft Windows Store.



Magic iRIID has been tested to meet all of the technical requirements to be Windows® 8 Compatible.

Keywords

Magic iRIID; Kinect; Virtual Computer Interface; Business Product Service Presentation; Power Point Presentation; Media Center Movie TV Show Video Song Picture; Media Player Windows Calculator

Selling details

Price tier: \$1,161.99 CAD / \$999.99 US

Category: Entertainment, Business

Available on 5/12/2015 Listed in Microsoft Windows Store.

Markets: United States, Japan, India, Germany, France, Australia, Austria, Belgium, Brazil, Canada, China, Hong Kong SAR, Ireland, Korea, Luxembourg, Mexico, New Zealand, Russia, Singapore, South Africa, Spain, Sweden, Switzerland, Taiwan, United Kingdom, Algeria, Argentina, Bahrain, Bulgaria, Chile, Colombia, Costa Rica, Croatia, Cyprus, Czech Republic, Denmark, Egypt, Estonia, Finland, Greece, Hungary, Indonesia, Israel, Italy, Jordan, Kazakhstan, Kuwait, Latvia, Lebanon, Libya, Lithuania, Malaysia, Malta, Morocco, Netherlands, Norway, Oman, Pakistan, Peru, Philippines, Poland, Portugal, Qatar, Romania, Saudi Arabia, Serbia, Slovakia, Slovenia, Sri Lanka, Thailand, Trinidad and Tobago, Tunisia, Turkey, Ukraine, United Arab Emirates, Uruguay, Venezuela, Vietnam, Iraq

Age rating

Windows Store age rating: 16+ Suitable for ages 16 and older

Description:

App description: Magic iRIID is designed for business owners, executives, and sci-fi movie fans.

Magic iRIID is The Best virtual interface program for people who love science fiction movies and want to control their computer and enjoy the fantasy of Sci-Fi movie entertainment style.

App features

- * Magic iRIID automatic user measurement, and establishes Virtual Interface in front of user
- * The Virtual Interface is established approx. 25 cm distant range in front of the user.
- * Magic iRIID calibrate virtual keyboard for control Windows applications operations.
- * User move hands to touch the virtual interface zone, select and push hands to click keys.
- * Magic iRIID display visual feedback on displayer, so user knows which keys to select.

Magic iRIID support to control Windows 8.1 applications:

- * Microsoft Windows Media Center - For Watching Movie, TV Show
- * Microsoft Windows Media Player - For Playing Music, Watching Videos, Pictures.
- * Microsoft Power Point - For Control Power Point presentation view Functions.
- * Microsoft Windows Calculator - For mortgage, vehicle lease, unit & data conversion ...etc.

Hardware & Software Requirements:

Magic iRIID Program support 1 adult user (user height: 155cm ~ 195cm)

Reading distant: 1m ~ 4.5 m.

Magic iRIID requires a Kinect for Windows v2 sensor.

You must already have Kinect v2 sensor

Or

xBox One Kinect sensor + The Kinect Adapter cable for Windows.

iRIID virtual interface keys only can be access by Kinect sensor

Computer Requirements:

1. 64-bit (x64) processor
2. Dual-core 3.1-GHz (2 logical cores per physical) or faster processor
3. 4 GB RAM
4. Graphics card that supports DirectX 11
5. 1 x USB 3.0 controller
6. Display Native screen Resolution 1920 x 1080.

Software Requirements:

1. Windows 8.1
2. 64 bits.
3. English version
4. Keyboard Layout Setting: US-English
5. Kinect SDK 2.0
6. .NET Framework 4.52+

The details guiding steps for 1st time user to follow:

Magic iRIID Setup.exe Installation password "xxxxxxxx"

*Please email to Support@Mydison.com by providing real name and company name to obtain installation password.

Connect computer with Big Screen TV.

Set Big Screen TV as Primary Displayer and Computer Monitor as 2nd Displayer.

Step 1: Prepare your computer for Media Center, Media Player to be ready for Magic iRIID program.

Step 2: To add songs, videos, pictures to create and add in Library for Media Center, Media Playlist and ready to play.

Step 3: Open Magic iRIID, Click virtual key "iRIID", to show RIID Main Application Window to select Application.

*Move the open Media Player show on Big Screen TV.

*Move Magic iRIID Program show on computer monitor.

The Virtual Interface is established approx. 25 cm distant range in front of you.

When you move hands, Magic iRIID will display visual feedback on the monitor/displayer.

You can see which keys that you have selected on.

Move the highlight selection to "Media Player" and push hands to click,

Magic iRIID will create Media Player Virtual Keyboard for you.

On the Virtual Media Player Keyboard, move hands to select key commands.

If Magic iRIID visual feedback not respond hand moving selection well,

- User can switch hand to select (Left & Right both virtual keyboard)
- Put down hands to disengagement and raise hands to engage again.
- Move stand position or walk little bit to change position.
- If close Magic iRIID and open again, program will reset all original setting.

Magic iRIID video vision reading distant is 1m ~ 4.5m range.

User free to move, walk and sit Within Kinect sensor camera view area.

The perfect user stand location is around 2.5 m to Kinect sensor, in center of Kinect sensor camera picture view.

External environment factors that could affect video vision reading, Kinect sensor location, light source direction, ...etc.

also, required User is able to Hold hands steady in front of, and move small movements "Up", "Down", "Left", "Right", "Pull", and "Push".

Here are the steps to show How to select Playlist Library.

- Click Virtual "Playlists" key, Magic iRIID will control Media Player program and set select on Playlist on the Left windows to list all the playlist in the library.
- Click Virtual "Up, Down" Key to Select on playlist you have created, then Click Virtual "Tab" key, Magic iRIID will move to the Right to select on song item on the right window.
- To navigation, click "Up, Down, Left, Right" keys to select song item and **Click "Enter" key to play**
- To control song while playing, Click "Play/Pause" key to play/pause song.
Click "Next" key to Next song.
Click "Previous" key to play previous song.
Click "Stop" key to End song.
Click "Rewind" key to Rewind song.
Click "Forward" key to Fast Forward song.
Click "Shuffle" key to turn Shuffle ON/OFF.
Click "Repeat" key to turn Repeat ON/OFF.
- Same way to play Video, Picture file.
- Advance search functions:
 - Click "Search" key to enter name (type 123 ... ABC...etc.) in "Search" field" and click "Enter" key. If have items match with search, it will automatic display on right window.

- To navigation, click "Up, Down, Left, Right" keys to select item and Click "Enter" key to play.
- If No item is matched with search, It display "There are no item matching...etc." message and un-Clickable, then **Click "ReSearch"** key to jump back to search field.
- Click "BSpace" key to delete entered character in search field.
- Click "Exit key to close Windows Media Player program.
- Click "Hide/Show" key to display.

To Prevent Unintentional Click Input: Click LockUp Key to prevent unintentional gesture input during playing songs, watching video.

Example: When selecting song to play, and by clicking on LockUp, Magic iRIID will display LockUp windows.

This will prevent unintentional click; therefore user can continue to do other thing they want to. If user wants to control Magic iRIID, then by clicking virtual "Media Player" key, Magic iRIID will create Virtual Media Player Interface. User can control media player again.

The recommend How to use magic iRIID for more productive way:

Step 1: Have all the files you want to play ready and add in to library; therefore, you can click few virtual keys. To play the files you want to.

Step 2: With few click on Magic iRIID, once play the song, video file,

Step 3: click LockUp, You can do other work and Enjoy the entertainment.

Simple steps as 1-2-3.

All other program applications control is similar with operation method above.

Hand-Sign Input Example:

Magic iRIID has Hand-Sign function

You can hand grab action to hold virtual key

* Once you hold the virtual key, you can swing the hand in directions to enter same key.

* Useful for repeating click on the same key, such as for Power Point presentation

functions.

You can hold 2 virtual keys , (keep hold 1 virtual key for each hand) and free to walk within camera view.

When you push hand out actions like hammer action, playing tennis, Magic iRIID will execute your command each time.

For example, when you do business presentation, you can hand hold the virtual NextSlide Key, and click when you want to move to next presentation slide view.

Example 2: Media Player, hold virtual key to repeating click Volume Up , Down, while playing music

Example 3: Media Center, hold virtual key to repeating click Channel UP Down, while watching TV shows.

Open 1 Power Point file show on Big Screen TV primary displayer, and move Magic iRIID show on computer monitor as the 2nd displayer.

Select virtual key “Power Point”, Magic iRIID will create virtual Power Point virtual command keyboard, user can select keys to control opened Power Point presentation view function.

Magic iRIID has Hand-Sign function (You can hand grab action to hold virtual key)

Once you hold the virtual key, you can swing the hand in directions to enter same key.

This Magic iRIID Hand-Sign Input function is useful for repeating click on the same key, such as for Power Point presentation functions.

Magic iRIID total tracking, User allow to move, walk or sit within sensor camera view.

Magic iRIID support windows displayer configuration, personalize setting

Windows display setting, customize color, teleport program between monitors...etc.

Screenshots: Here are the Magic iRIID virtual windows lists:



iRIID Main Application Selection Windows



Windows Displayer Configuration Window

Magic iRIID support 2 sides virtual keyboard allow user use left hand , right hand and both hands to enter commands.

When user moving hands in front to touch the virtual interface surface, the selected virtual command keys will be display on Left and Right Selected Key Windows.

For example " Windows" shows on the Left hand selected windows, and "TeleportMP~>" shows on the Right hand selected windows.

Step 1: From "iRIID" main windows. Click virtual "Windows"

The "Windows" will created instantly, and user can click virtual command keys to control program applications position, resize the windows, setting Windows Monitor setting, close opened programs, turn off the virtual key click "Beep" sound feedback...etc.

"Windows" Virtual command keys:

1. click virtual "Width", 'Height" keys to iRIID windows resize.
2. click virtual " iRIID~>" key to teleport "iRIID" windows between monitor displays.
3. click virtual "ExitMP" key to close opened Media Player program.
4. click virtual "ExitMC" key to close opened Media Center program.
5. click virtual "ExitPP" key to close opened Power Point program.
6. click virtual "ExitCAL" key to close Windows Calculator program.

7. click virtual "Screenshots" key to save Printt Screen Windows Desktop view in C:\Picture folder.
8. click virtual "MoveLeft", "Move right" keys to moving activate program position on monitor displayer.
9. click virtual "TeleportMP" to teleport Media Player between monitors.
- 10 click virtual "TeleportMC" to teleport Media Center between monitors.
11. click virtual "TeleportPP" to teleport Power Point File between monitors.
12. click virtual " BeepOn/Off" to turn On/Off Beep sound feedback.
13. Click virtual "Enter" key to select change monitor displayer setting.
14. Click virtual "iRIID" key to re-create "iRIID" main windows again.



Media Center Virtual Keyboard Windows

Media Center Virtual Commands Keys:

1. click "start" to display Media Center Start window
2. click "Exit" to close Media Center program
3. click "Pictures", "Music", "MyDVD", "Video", "LiveTV" to access Media Center entertainment features.
4. click "UP, Down, Left, Right" keys to navigation.
5. click "Enter" to click selected Media Center feature.
6. click "Clear", "Bspace" to delete previous enter key.
7. click "123m" to display numbers virtual keyboard to enter number 0 -9.
8. click "Windows" to display "Windows" setting windows.
9. click "Mute," to mute play sound volume.

10. click "ABCm" "ABC" to display character virtual keyboard to enter A-Z.
11. click "L~>R" key to swap to Right side virtual keyboard keys.
12. click "LockUp" to temporary lock gesture input access.
13. click "Hide/Show" to hide and show iRIID windows.
14. click "EasyMC" to display Easy Media Center Interface Windows, with large virtual key size, easy for use both hands to operate Magic iRIID to control Media Center program.
15. click " Tab" "Shift+Tab" to select item.
16. "Replay", " Play", "Pause", "Next, "ZoomIn", "Rewind", "Stop", "FFword", "Menu", "Record", "ChUp", "ChDn", "VolUp", "VolDown", "FullScreen" "PrePci", "NextPic", for control Media Center Entertainment features operations.
17. click "L<~R" to swap Left Side virtual keyboard keys.
- 18 click "QWERT" to display virtual QWERT keyboard to enter keys and numbers.



Easy Media Center Virtual Keyboard Windows



Media Player Virtual Keyboard Windows

Magic iRIID Virtual Keys can only access by Kinect sensor.

Here are the steps to show How to select Playlist Library.

- * Click Virtual "Playlists" key, Magic iRIID will control Media Player program and set select on Playlist on the Left windows to list all the playlist in the library.
- * Click Virtual "Up, Down" Key to Select on playlist you have created, then Click Virtual "Tab" key, Magic iRIID will move to the Right to select on song item on the right window.
- * To navigation, click "Up, Down, Left, Right" keys to select song item and Click "Enter" key to play
- *To control song while playing, Click "Play/Pause" key to play/pause song.
 Click "Next" key to Next song.
 Click "Previous" key to play previous song.
 Click "Stop" key to End song.
 Click "Rewind" key to Rewind song.
 Click "Forward" key to Fast Forward song.
 Click "Shuffle" key to turn Shuffle ON/OFF.
 Click "Repeat" key to turn Repeat ON/OFF.

Same way to play Video, Picture file.

Advance search functions:

- * Click "Search" key to enter name (type 123 ... ABC...etc.) in "Search" field" and click

- “Enter” key. If have items match with search, it will automatic display on right window.
- * To navigation, click "Up, Down, Left, Right" keys to select item and Click "Enter" key to play.
 - * If No item is matched with search, It display "There are no item matching...etc." message and un-Clickable, then Click "ReSearch" key to jump back to search field.
 - * Click "Bspace" key to delete entered character in search field.
 - * Click "Exit key to close Windows Media Player program.
 - * Click "Hide/Show" key to display.



Easy Media Player Virtual Keyboard Windows



Power Point Virtual Keyboard Widows

Magic iRIID support to control 1 opened PowerPoint file.
 Set Big screen TV, or projector screen as Primary displayer, and move 1 opened PowerPoint file to the Big screen.
 set computer monitor as 2nd displayer, and Move iRIID Windows show on computer monitor.

From "iRIID" main windows, click virtual "Power Point" key to access virtual PowerPoint Windows.

Virtual PowerPoint presentation command keys:

1. click "Show" to start presentation from the 1st slide.
2. click "showCurrent" to start presentation from current slide.
3. click "Tab" "Shift+Tab" to highlight select components on slide. Example a Video embed in slide.
4. click "1stSlide" "End" to go 1st and last page"
5. click "Black" to turn full screen in Black color.
6. click "LastSlide" "Next Slide" to view PowerPoint presentation.
7. click "Enter" to select item, example, to play the embed video.
8. click "MaxView" to make presentation view in maximum windows size.
9. click "White" to turn full screen in White color.
- 10 click "Play/Pause", "Rewind", "VolUp", "Mute", "Stop", "FFword", "VolDown" to control multiple media such as video, song, pictures.
11. click "EasyPP" to display Easy PowerPoint virtual interface with large virtual key size, easy for both hands to click and control presentation.
12. click "Lockup" to protect gesture input access.

To combine additional features to enhance business professional presentation ability.

Magic iRIID has Hand-Sign function:

When user make PowerPoint presentation, user can hand grab and hold the virtual keys. Example, if user right hand grab & hold the virtual key "NextSlide" key, then user can do right hand action like hammering, playing tennis ...etc actions in all directions to change the presentation slides.

User free to walk, sit, moving while hand hold the virtual key.

Same way for Left hand to grab & hold virtual key.

User can hand hold 2 virtual keys.

Plus Easy PowerPoint virtual interface and bigger virtual key size to select and click, support features to makes user easier to make business PowerPoint presentation.



Easy Power Point Virtual Keyboard Windows



User can setup Password protect to access Magic iRIID, also can use "LockUp" function to prevent unintentional gesture input while watching movie, playing songs.

Once " LockUp", user free to keep do their works, fitness exercises, personal pleasure activates ...etc. and enjoy listening favorites songs playing, movie.

In addition, For business professionals,

From "iRIID" Main Windows, user can click " LockUp" to access "LockUp" windows. Magic iRIID will create the "LockUp" Windows, and user can set password to control gesture input access.

When other users want to use the magic iRIID , Magic iRIID will require user to enter correct password.

"LockUp" is temporary password protection,

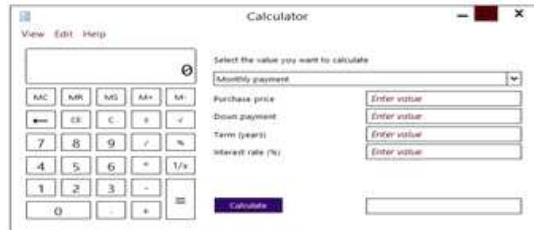
Useful Example, you have in trade shows, have use Magic iRIID to play your business product/service presentation videos,

You can preset the presentation videos repeat playing,

In the mean time, you want to limited the gesture input access, while you need to talk with customers about your products and accept their purchase orders.

LockUp Virtual Password Setup Windows. **Only click “LockUp” from iRIID windows will lock input access.** If from application like Media Player, it will allow user to click “Media Player” on top to go back without having password restriction.

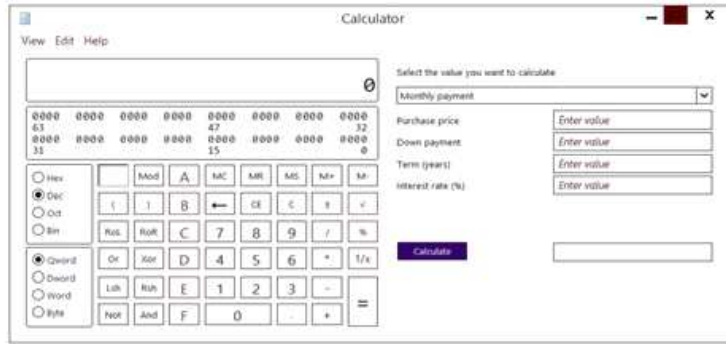
LockUp password is designed for temporary access control such as during presentation, or during playing movies, TV show, listing songs, you can access to LockUp; therefore, you are free to continue your work or do fitness exercise, Zumba dancing ...etc. In case of you forget the LockUp password, you can close Magic iRIID, password will be reset.



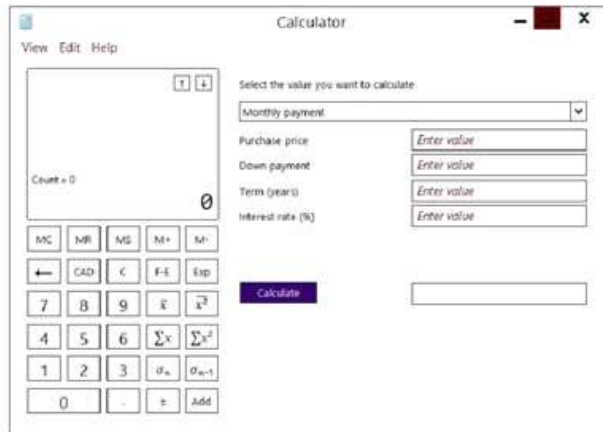
Windows Calculator Basic Virtual Keyboard Windows



Windows Calculator Scientific Virtual Keyboard Windows



Windows Calculator Programmer Virtual Keyboard Windows



Windows Calculator Statistics Virtual Keyboard Windows



Personalize Setting Windows

User can change their favor color windows, and text font colors.

From "iRIID" main windows, click virtual key "Setting".
 Magic iRIID will create virtual "Setting" windows instantly.

User can select the windows background color, font color, change video vision reading speed, and select manual video vision size.

Virtual "Setting" windows control keys:

1. Click colors setting on the Left side of the windows, will change the windows Background color.
2. click colors setting on the Right side of the windows, will change the font color.
3. Click Standard 1, will set windows in Gray background color, and black font color.
4. Click standard 2, will set windows in Black background color, and white font color.
5. Click 6, 10, 14, 18 to change the virtual keys windows font size.
6. Click 24, 36, 48, and 72, to change Left and Right selected Windows font size.
7. Click Speed-S to slower video vision reading speed.
8. Click Speed-N to normal video vision reading speed.
9. Click Speed-F to faster video vision reading speed.
10. Click "Click-S" to manual setting virtual interface for shorter arm body measurement like young teen children.
11. Click "Click-M" to setting virtual interface for general adult body measurement.
12. Click "Click-L" to setting virtual interface for user tall & long arms body measurement like NBA basketball player.
13. Click "iRIID" to re-create "iRIID" main windows.



About Magic iRIID Windows

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