# R A D I O N I C S

## READYKEY® K6100 Readykey for Windows™
## Photo ID Module Datasheet

### Introduction

This datasheet describes the Readykey for Windows Photo ID Module, which allows photographs of keyholders to be captured and stored with their record in the Personnel application. ID Cards can also be designed and printed.

The capture of images, design and printing of cards is achieved via a link to Loronix ® ImageShare II® system.

This is an extra feature that may be purchased as a K6110-P, and added to the Readykey for Windows system.

Note: In addition to having purchased the Readykey for Windows Photo ID option, the Loronix ImageShare II software and hardware must be installed on the workstation (PC) before photographs can be captured. Also, in order for ID cards to be printed, a suitable printer must be connected to the workstation, and for images to be captured, the Loronix ImageShare II video capture hardware, connected to a camera, must be installed in the workstation.

If the Readykey for Windows system is administered from more than one PC via a network, then the above notes are applicable to all workstations on the system where images are to be captured and/or ID cards printed. However captured images can be displayed on any Readykey for Windows workstation, without needing the ImageShare II software/hardware installed on that particular workstation.

This datasheet covers the use of the Readykey for Windows features only. Specifically it does not include information on setting up and troubleshooting the Loronix and video capture hardware, nor to designing ID cards, please refer to the Loronix ImageShare II documentation for more detailed information on the setup and operation of the Loronix ImageShare II product.

### Personnel Application

If the Loronix ImageShare II software and hardware is installed, and the Readykey for Windows Photo ID option (K6110-P) has been purchased, then the Readykey for Windows Personnel application will include two extra buttons, a Grab Photo and a Print ID Card.

A space in the upper right corner of the Personnel window will display the image assigned to the keyholder, when the Display Photo IDbox has been checked.

If the Readykey for Windows Photo ID option has been added, but either the Loronix software or hardware has not properly been installed, then the operator will be able to only view existing captured and stored images, but not capture new images or print ID cards.



# Capturing Images

Images can be either captured 'live' from a camera connected to the Loronix ImageShare II hardware, or imported, in Windows bitmap (BMP), RLE or DIB formats.

1. If your Readykey for Windows system consists of more than one division, make sure that the correct division name is displayed in the title bar. Select Division... to switch divisions if necessary.

2. Search for the keyholder for whom you wish to capture an image , refer to the Readykey for Windows User Instructions  or On-line Help for information on how to search for keyholder(s).

3. When the correct keyholder information is displayed, choose  Grab Photo from the main Personnel screen, you will be then presented with a choice of sources for the photo:



4. Select the desired source, and choose OK, or choose Cancel to return to the main Personnel screen.

## Grabbing Images Using a Camera

Note: For detailed information on capturing images via this method, refer to the  Loronix ImageShare II Users Guide , Adding a New Cardholder and Capturing a Video Image.

1. Providing a suitable video capture card and camera are connected, a 'live' image from the camera will now be displayed.

2. When the required image is displayed, choose Freeze, the image will be frozen (still). You may return to live images by choosing the Live button.

3. With the frozen image displayed, a rectangular 'crop box' will be superimposed on the captured image. This may be moved by dragging it using the mouse.

4. Once you are satisfied with the captured image, choose OK to return to the Readykey for Windows main Personnel screen.

### Loading a Saved Picture from a Disc or Drive

This option allows saved graphic images to be imported to Readykey for Windows.

The following formats are supported:

- Windows Bitmap (BMP)
- Run Length Encoded (RLE)
- Device Independent Bitmap (DIB)

1. Select the correct file format from the List Files of Typebox.

2. Select the Drive and Directory where the files are stored.

3. Select the required file name from the list and choose OK.
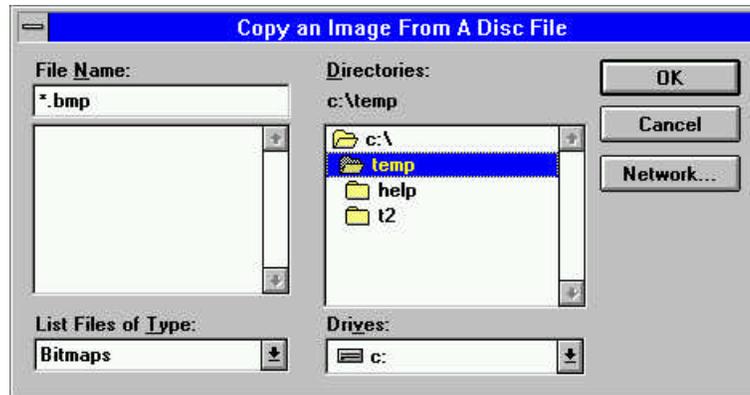


# Administering of Personnel with Images

### Displaying Images

If an image is assigned to a keyholder, then it may be displayed on the main Personnel application screen with the remainder of their information (Names, Access Group, etc.)

However, displaying images for keyholders may use considerable system resources and possibly degrade the performance of Readykey for Windows. If performance is found to be affected, then the Display Photo IDbox may be left unchecked, which will cause images NOT to be displayed for ALL keyholders. Refer to the PC Specification section described later for additional information.

### Reports

Images will not be included in printed reports from the Readykey for Windows system.

### Personnel Utilities

Images will be transferred on multiple division systems if the Copy Personnel...utility is used.

Images will not be exported and cannot be imported when using the Import/Export Personnel utilities. However, images that have been previously captured and stored as a Bitmap could be added later to the corresponding keyholders using the option of loading the picture from a disc or drive.

# Printing ID Cards

The Print ID Card button in the main Personnel screen passes instructions to the Loronix software to print an ID card for the current keyholder.

The design, format and contents of the card are configured separately, from within the Loronix Badge Designer utility.

# Considerations

### Disk Space

When images are stored for keyholders, additional hard disk space will be required, typically the amount of space required will Triple.

The table below illustrates the amount of disk space required for some typical database sizes:

| Total Number of Personnel | Disk Space Required (No Picture) | Disk Space Required (All Keyholders have Picture) | Disk Space Required (50% of Keyholders have Picture) |
|---|---|---|---|
| 4000 | 15 Mb | 54 Mb | 35 Mb |
| 8000 | 30 Mb | 109 Mb | 69 Mb |
| 10000 | 38 Mb | 136 Mb | 87 Mb |
| 18000 | 68 Mb | 246 Mb | 156 Mb |

Note: The above values are per division.

It is important that the space and the effect on system resources and performance are taken into consideration when purchasing the PC.

### System Resources

As described earlier, displaying a captured image within Personnel will degrade system performance. It is therefore recommended that for normal operation of Readykey for Windows the Display Photo IDbox is left unchecked. It can then be turned on temporarily when required, for example after capturing a new image or before printing an ID card.

Note: Turning off the Display Photo IDoption does not remove the facility to either capture images or print ID cards.

### PC Specification

Contact Loronix and Radionics Customer Service to discuss a recommended PC Specification for using the Loronix ImageShare II software before purchasing a PC for use with Readykey for Windows.