

- Open **PowerPoint, PDF, XPS**, and **JPEG** Files.
- Resident application till power off.
- Awaken once USB Storage plugged in.
- Browses USB Disk, and list all folders, files (even not supported) on the root.
- All files with supported formats will be marked in EG DocViewer icon.
- All files with unknown extension name will be marked in Unknown icon.
- Two modes of preview
  - List view
  - Thumbnail of first page
- Minimized once USB Storage plugged off.
- Support multiple languages (number of languages by demand).

- Multiple application instances – open multiple document simultaneously.
- One document on each viewer.
- Provide text index of contents (.xps, .pdf, .ppt, .pps, .jpg).
- Resize once display resolution being changed.
- Turn off all opening viewers if plugged off the USB Storage.
- Default display size is to view whole page.
- Allow to jump to any page (.xps, .pdf, .ppt, .pps)
- Provide Software zooming (specified ratio, fit-width).
- PowerPoint automatic play.
- Support multiple languages (number of languages by demand).
- Auto detect plain text.

## Supported Document Formats:

- Adobe PDF (.pdf)
- Microsoft XPS (.xps)
- Microsoft PowerPoint 2003 (.ppt, .pps)
- Plain Text (auto detection)
- JPEG ( .jpg)

## Supported Fonts:

- Courier
- Courier-Bold
- Courier-Oblique
- Courier-BoldOblique
- Helvetica
- Helvetica-Bold
- Helvetica-Oblique
- Helvetica-BoldOblique
- Times-Roman
- Times-Bold
- Times-Italic
- Times-BoldItalic
- ZapfDingbats

## Supported OS:

- Linux (Graphics: QT).
- WinCE.
- Android.

## Technical Supporting:

- Immigration to OEM platform
- Other utilities design and development
- User interface customization
- Globalization & localization
- Trouble shooting

## Compliance / Compatibility

- Full compatibility with the Adobe's PDF Specification V1.6
- Support all font types listed in the specification (type 0, 1, 2, 3, 4, 42, CID)
- Supports various character encoding
  - Roman set encoding
  - Double-bytes set encoding – GB2312, BIG-5, Shift-JIS, KSC
  - More encoding by demand
- Support all image & graphics operators listed in the specification
- Support all color spaces listed in the specification
- Support transparency
- Support smooth shading
- Support both interleave and file-based formats
- Support anti-aliased

## Output Quality

- Support anti-aliased for accurate text/image quality in lower resolution
- Support full 8-bit/channel color blending accuracy
- Support rendering to arbitrary resolutions
- Support per-object color matching
- Customizable color transfer functions
- Customizable color rendering dictionaries
- Support halftone table and dictionaries for non-continuous-tone colors
- Color mapping management module

## Output

- Support customizable output format
  - All pre-defined paper size
  - Arbitrary paper size - by unit pixel or metrics in width/height
  - Arbitrary resolution – same or different in horizontal/vertical
- Support standard output color mode
  - DeviceGray – Mono
  - DeviceRGB, DeviceCMYK – Color
  - Others – DeviceCMY, DeviceRGBK, HiFi-DeviceN (by demand)
- Support multiple bits per sample
  - 1/2 BPS – halftone processing required
  - 4/8 BPS – direct mapping
  - Others – implement by demand

## Fonts Engine

- Resident Fonts Management
- Support Roman & double-bytes fonts
- Font substitution
  - Substitute fonts as existed fonts by system fonts
  - But the text output may not be same as original document
- Font / character cache

## Compliance / Compatibility

- Full compatibility with the XPS (XML Paper Specification) Version 1.0 (detailed XPS operators, attributes supporting listed in the file *EG\_XPS\_Compliance.xps*)
- Support digital signature
- Support XPS opacity by native transparent rendering model
- Support smooth shading
- Support alpha blending
- Bypass Print Ticket
- Support extensible XML namespace
- Support both interleave and file-based formats
- Support anti-aliased

## Output Quality

- Anti-aliased for accurate text/image quality in lower resolution
- Full 8-bit/channel color blending accuracy
- Rendering to arbitrary resolutions
- Support WCS
- Support ICC
- Support optional per-object color matching

## Output

- Support multiple output format
  - Monochrome
  - Gray
  - RGB
  - YCbCr
  - YPbPr
- All pre-defined paper size
- Arbitrary paper size - by unit pixel or metrics in width/height
- Arbitrary resolution – same or different in horizontal/vertical
- Support multiple bits (1, 2, 4 and 8-bit pixel depths)

## Fonts Engine

- OpenType
- FreeType 2

## Viewer Features

- Zoom In/Out re-rendering
- Text search & positioning
- Hyper link & intra-document link

## Compliance / Compatibility

- Display documents created by below Microsoft applications
  - PowerPoint 97
  - PowerPoint 2000
  - PowerPoint 2002
  - PowerPoint 2003
- Support password protected document

## Restrictions

- Certain types of pictures are not supported (3-D Style).
- Links are not supported.
- Not support Information Rights Management (IRM) presentations.
- Not support Digital Rights Management (DRM) presentations.
- Not support running macros, programs, or opening linked or embedded objects.

## Features

- Support image (picture) formats
  - JPEG / TIFF / PNG / WMF / BMP / PICT
- Support PPT native animation

1. **CPU: Intel PXA270 @ 520 MHz.**
2. **64MB SDR, 32MB NOR Flash.**
3. **OS: WinCE.**
4. **AP: PDF viewer & PPT viewer.**
5. **One VGA port.**
6. **One USB Host port.**

## Japan distributor

### Elecraft Inc.

[www.elecraft.jp](http://www.elecraft.jp)

No.1-5-4-602, Yaesu, Chuo-ku, Tokyo 103-0028, Japan.

**Mr. Kiyota Yogo**    [yogo@elecraft.jp](mailto:yogo@elecraft.jp)

(TEL) +81-3-3517-6207    (FAX) +81-3-3517-6208

## EG Contact Window

**Richard Yeh**

[richard.yeh@embeddedgeneral.com](mailto:richard.yeh@embeddedgeneral.com)

**Product Marketing V.P.**

**(Mobile) Taiwan: +886-983-561965**

**China: +86-1391-168-2395**

## Embedded General Inc.

[www.embeddedgeneral.com](http://www.embeddedgeneral.com)

### **Beijing, China Office**

Room505, No.5, Gui Gu Liang Cheng,  
No.1 Nong Da South Road,  
Haidain District 100085, Beijing, PRC

(TEL) +86-10- 82894218

(Fax) +86-10- 82893173