Haiyaa VariPrint Version Comparison

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Modules	Function Groups	Descriptions	STD	PRO	SB
Template Setup		• Blank page, CMYK & RGB image, single or multiple page PDF file as template	√	√	√
		• Tempalte replacement while previously design			
		• Each template can share the same data or have its own data.			
		• Multi-page template add by inserting new image file			
Imposition		• Sequence imposition containing 8 modes to match any offset print	√	√	√
		• Fixed or different number X/Y spacing			
		• Define imposition sequence order by importing an external csv			
		• Vertication and Horizonation			
		• Customize label sequence freely in the sequence imposition			
		• Two-side imposition (front/back mirror effect)		√	√
		• Stack imposition with grouping setting option			
		• Free style imposition function to impose different size and kinds of labels on the one page easily.			
		• Add eyemark freely			
		• Smart imposition setting according to the cylinder perimeter			
		• Cropmark setting, including color, position			
		• Continious column number in the roll feed printing			
Variable Image		• Rotation of image at any angle	√	√	√
		• PDF, JPG, TIF, BMP			
		• Notice of the file not existed			
		• Image display mode (Original,Fit to frame, Crop to frame)			
		• Dynamic box properties(color,size,position)		√	√
		• Conditioning image printing			
		• Horizontal Alignment and Vertical Alignment			
		• Blend mode (16 modes)			
		• Set the Image to back			
		• Image Clip Path(use external lua file to define)			
		• Horizontal Mirror and Vertical Mirror			
		• Transparency Minimun and Transparency Maximun			
Variable Barcode	**1D**	• Support up to 45 types of 1D barcode	√	√	√
		• Support Code128 Auto and Code 128 Same Width			
	2D	• PDF417,QRCode,QRCode(Quick),DataMatrix,Codablock F,Code 16K,MicroPDF417			
	Key Features	• Support scaling of Barcode text font			
		• Support pure black and RGB color			
		• Black line width inching in the level of dot			
		• White line width inching for some types of 1D barcode			
		• Bitmap or vector image mode output			
		• Size and offset customization setting to the front(or front and end) character of EAN and UPC			
		• Part of 2D barcode embeded in language character set			
		• Barcode content UTF8 or Ansi and UTF8Head			
		• Support 2D barcode zoom in and zoom out to any size (2 options)			
		• CMYK and spot color barcode support		√	√
		• GS1 Datamatrix, GS1 Code128		√	√
Variable Chart		• Support Bar chart, Pie Chart,2D Chart,3D Chart		√	√
General Table		• Support variable general text, paragraph text, image, barcode, OTF text, RTF text, composite text, OverprintText, OutlineFillText, OutlineText in the cell	√	√	√
		• Dynamic row or column spacing option (fixed table height or width)			
		• Row or column move up and down or right and left or move center automatically option when certain cell is empty			
Statement		• Support variable text,image and barcode in the cell			√

Table		● Multi-row support (static and dynamic row)			
		● Dynamic row number and content			
		● Table repeats in the same page			
Variable Text	**Basic**	● Horizontal or vertical layout	√	√	√
		● Rotation of text at any angle			
		● Pure black printing option suitable for handmade font and icon)			
		● Horizontal Mirror and Vertical Mirror			
		● Stroke Overprint and Fill Overprint(only available when text is in CMYK and spotcolor)		√	√
	Advance	● Conditional text printing		√	√
		● Kerning of Chinese, English and Number			
		● Hybrid layout of variable text and image			
		● Horizontal and vertical mirror			
		● Dynamic Font and Box Properties			
		● Horizontal or vertical layout			
		● Leading & Paragraph spacing setting			
		● First word displacement			
		● Reduce font width to fit to frame with minimun scaling ratio setting			
		● Reduce font size to fit to frame with minimun size setting			
		● Snap frame to contents			
		● Automatically translation of cloth lable composition description			
		● Each variables properties among a hybrid text can be set seperately			
		● Y-offset of the variables can be set freely			
		● Horizontal and Vertical alignment (Left, Right, Justify and Force)			
	Text on Path	● Support Circular & Customized Shape	√	√	√
		● Text layout inside the path (except Text Path）			
		● Path text direction (clockwise, anticlockwise and start point)			
		● Hybrid RGB color text setting (by color block number and color randomization, and forbidden color)			
		● Straight line, Square, Fillet rectangle, Circular arc, Circular arc string, Ellipse, Pentagon, Fan-shaped, Hexagon, Customized		√	√
		● Image layout inside the path (except Text Path, support Image folder and Expression, Layout support 6 modes, such as Tile, Tile Flip X, Tile Flip Y, Tile Flip X/Y, Clamp, Autosize）			
	3D Font Effect	● Outline Fill ● Outline		√	√
		● Outline Shadow ● Solid Shadow			
		● Outline Cubic ● Solid Cubic			
		● Set font bold level by adjust line size			
		● Support Dynamic Font Properties			
		● Fill mode and Line Mode			
		● Support scaling of font, character spacing and single line fit to frame			
	RTF Text	● Import RTF format file saved from Microsoft Word			
	OverPrint Text	● Support fill overprint and stroke overprint			
		● Random CMYK and spotcolor text with block number setting			
		● Adjust character spacing and leading freely			
		● Trumpet special effect variable text			
	OTF Text	● Support all font type in the Windows Font folder	√	√	√
		● Leading & Character spacing setting	√	√	√
		● Support bulletin point layout of variable text		√	√
		● Support Dynamic Box			
		● Support CMYK and spotcolor			
		● OTF Extended Setting, support complex logic dynamic font composite text, automatically kerning and scaling adjustment…etc			
		● Auto Format Parameter, The biggest dynamic row gap, Cross page setting, dedicate for automatic cloth label composition layout format setting			
Geometric Figure		● Straight line, Square, Rectangle, Fillet rectangle, Circle, Circular arc, Circular arc string, Ellipse, Pentagon, Fan-shaped, Hexagon, Custimized	√	√	√

Category	Subcategory	Feature			
Shaped Variable Image		• Supports Square, Rectangle, Fillet Rectangle, Hexagon, Circle, Ellipse, Pentagon		√	√
Statement Design		• Conditioning table printing			√
		• Log printing support for account			
		• Design and print height is set separately to meet special demand for statement when setting up a project.			
General Properties	**Border**	• Line size and line type(Solid,Dash,Square Dot,Dash Dot,...)	√	√	√
	Font	• Support Unicode, Truetype and Opentype fonts	√	√	√
		• Support to composite font, subscript and superscript.		√	√
		• Properties change dynamically to the defined character			
	Brush	• Support foreground & background fill with Halftone brush, Hatch brush and Image Brush, support rainbow effect text.	√	√	√
	Color	• Black and RGB support • Transparent color support	√	√	√
		• CMYK and Spotcolor support to general text, path text and 3D text and overprint text		√	√
Database	**Text data**	• Support unicode and text file with any suffix or delimiter	√	√	√
	Autodata	• Support serial number display format setting (startvalue, stepvalue, format...)	√	√	√
	MDB	• Support single list open	√	√	√
		• Support data filtering, multi-list & customized SQL scripting		√	√
	ODBC	• Support data filtering, multi-list, and all kinds of relational database, such as Oracle, SQL, Foxpro, Dbase.	√	√	√
	Database Dis-assembles	• Built-in strong logic process to disaaemble to multiple static / dynamic database			√
	System Database	• Support recording index number, statistics, dynamic page number printing			√
		• Support total pages calculation to every account			
	SQL Server	• Link to SQL Server database	√	√	√
	Static Width Data	• Import large number of data with static(fixed) width fornat	√	√	√
	Excel DB	• Support Excel file	√	√	√
	XML DB	• Support XML file	√	√	√
	V4P format	• Special data format produced by AccountDB for fast and safely statement's printing			√
Parameter	**Basic**	• Autovalue function-serial numbering • PageNum function - current page	√	√	√
		• Len function - calculate string length • TotalPage function- total pages			
		• SplitStr function - split string by inserting certain character			
	Middle	• Left,Right,Mid function - extract characters from the string	√	√	√
		• NumFormat function - number formatting			
		• IsEmpty function - judge if string content is blank or not			
	Advance	• Date & Time Functions - calculate and manipulate date & time information and formatting		√	√
		• Logical Functions - compare and test according to condition			
		• Text functions - change the color, font, size, style, position and wording of the specified text			
		• Page functions - specify the format of the page			
		• Number functions - manipulate numeric data			
		• Barcode functions - define the format of the specified barcode			
	Statement	• Get Functions - capture information about the status of a database file or elements in it.			√
Printing Outputs		• PostScript, PDF, PCL printing	√	√	√
		• Print variable with template			
		• Rectify printing of horizontal or vertical			
		• Add die-cut file to produce the test pages in the front of and behind of main body			
		• Support mode of the first page is template			
		• Naming output file by field data or parameter			
		• Print grouping by paper or record			

	• Blank page insert for later sorting		√	√
	• PPML, TIFF printing			
	• Printing from different paper tray			
Others	• Eyedropper option to get RGB value	√	√	√
	• Precision up to 0.01mm			
	• Use array object to create variable boxes in array order quickly			
	• Flow text support, link multiple variable text boxes		√	√
	• Database filtering export, support AND/OR logic processing			
	• OMR (Optical Mark Recognition) setting			√
Tools	• PS to TIF	√	√	√
	• SplitPDF to split PDF			
	• Merge PDF to merge multiple PDF files			
	• Convert Project(Simplified Chinese-Traditional Chinese-English)			
	• Printing log			
	• Extract Data to extract data from the original data for reprint			
	• Erxtract Pages to extract odd and even page for two side printing			
	• Some module of AccountDB, including 1）Create Serial Number 2）Continious column number processing 3）Single column transform to multiple field 4）Data repetition processing		√	√
Anti-counterfeit	• Variable random color text pattern			
	• Variable random color caterpillar			
	• Variable random color stroke			
	• Variable lenticular image			
	• Variable anti-copy	OPT		
	• Random color 1D and 2D barcode			
	• Variable microtext			
	• Variable latent image			
	• Digital fiber pattern, Digital pill pattern, Digital bacteria pattern			
	• Kaleidoscope engine			
	• UV Florescent Pattern			
	• TrueRandom Random Data Generator			
	• TAGImposer R			
	• Variable TextInFont, PictureInFont, LineInFont (Text Path)			

OPT - Optional Feature   ** Changes could be made prior to notice.