Fanless IP65 PANEL PC

10.2"TFT, 800x480 pixel, 64K color, ARM 400MHz, Flash 128M, RAM 64M, Data Memory 64K, COM1 (RS232/422/485), COM2 (RS232/422/485), COM3 (RS4722/485), USB (1 Host/1Device), Ethernet, SD Card, 24V ± 20% DC

Model: iPCW1020AR

Specifications

Model	iPCW0700AR	iPCW1020AR
Display		
Type	7" TFT	10.2" TFT
Resolution	800x480 pixel	800x480 pixel
Active Display Area	154.08x85.92 mm	222.0x132.48 mm
Color Depth	65,536	65,536
Backlight	LED	LED
Brightness	250 cd/m2	350 cd/m2
Contrast Ratio	500:1	300:1
System Resources		
CPU	RISC (400 MHz)	RISC (400 MHz)
Flash Memory	128M	128M
RAM	64M	64M
Non-volatile Memory	64k	64k
Interface		
COM1	RS232/422/485	RS232/422/485
COM2	RS232/422/485	RS232/422/485
COM3	RS422/485	RS422/485
Ethernet	1x 10/100 Mbit	1 x 10/100 Mbit
USB	1x Device, 1 x Host	1x Device, 1 x Host
Memory Card	SD Card	SD Card
Ratings		
Power Supply Voltage	24V + 20% DC , Isolated Power	24V + 20% DC , Isolated Power
Power Consumption	7W	10W
Environmental Conditions		
Operating Temperature	0-50°C	0-50°C
Storage Temperature	-20~60°C	-20~60°C
Protection Class	IP65 (Front)	IP65 (Front)
Dimensions		
Front Case	199.8x147.8 mm	279.5x195.5 mm
Cut-out	184.1x132.1 mm	259.2x176.2 mm

Uniquely Intuitive User Interface

The Ribbon UI

- Intuitive and clear. Simple and straightforward. Extremely easy.
- Develop projects in a few clicks with easy to reach functions and properties.
- Set formats and common properties for multiple Widgets, all at once.

The Widget Library

- Create your own Widget library or choose from our extensive system of Widgets.

HMI System Menu

- Simple user interface designed to configure HMI hardware parameters effortlessly.
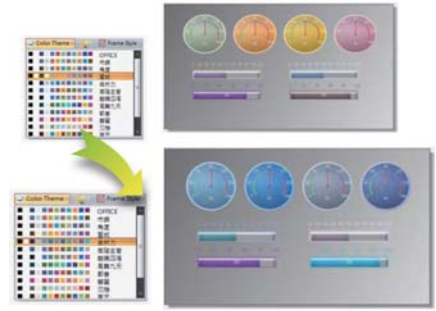

On-Screen Status Bar

- Easy to configure Status Bar which can be displayed along the side of the screen.

Easy yet Powerful Formatting

Theme-based Design
- Each theme is a set of thoughtfully selected colors communicating elegance and style.
- Create a portfolio of widgets with beautiful color at the click of a button.
- Preview your aesthetic selection by selecting a theme and watching all the Widgets change automatically.

Quick Styles for Widgets
- Rapidly change the fill, border color and font of a Widget through Quick Style.

Other Options
- 3D and Glass effects
- Blinking and frequency can be set for the background, border, and/or text.
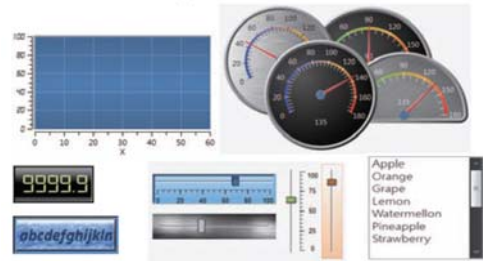
Widget Background and Border
- Background is entirely customizable with our selection of themes, colors, images, gradients, or materials.
- Borders can be set using different frames, themes, or colors, along with the option to change thickness, line types, and materials.

Aesthetic and Entirely Configurable Widgets

Widgets
- Refreshingly designed Widgets, elegant and stylish.
- Dynamic Widget selection including Push Buttons, Switches, Action Buttons, Lamps, Numeric & Alphanumeric Options, Bars, Sliders, Dials, Charts, Message Displays, List boxes, etc.
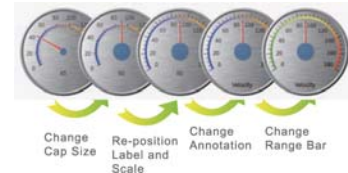
Containers
- Widgets placed in one container will move seamlessly together for ease of transport and organization.
- Group Box, Panel, Tab containers.

Customizable to the Details
- Widgets can be refined to the most detailed of details

Rich in Functionality

- Tags, Recipes, Alarms, Schedulers, Multiple Languages, and Security Options (user groups and passwords) are just a few of the many other features.
- Other options include:
  - Macro & Actions
  - Embedded Database
  - Offline and Online simulation
  - Widget design simulation

Broad Media Support

- Graphics support PNG, JPEG, GIF, SVG, XBM, XPM
- Font system utilizes True-type Fonts
- Widgets include the use of Vector Graphics which allow the option to scale up without compromising clarity.