PRODUCT LIST

Economical Model / Economical Models with Ethernet

4.3 inches		7.0 inches	10.1 inches
RTS 4043C		RTS 6070WE	RTS 6100M
480 x 272	Resolution	1024 x 600	1024 x 600
16 millions (24-Bit)	Color	16 millions (24-Bit)	16 millions (24-Bit)
420cd/m2	Brightness	450cd/m2	400cd/m2
160°	View	170°	170°
4-wires Resistive	Touch Panel	4-wires Resistive	
ARM Cortex A8 (600MHz)	CPU	ARM Cortex A8 (600MHz)	
N/A	SD Slot	Micro SD (TF)	
COM1, COM3 (RS232/RS422/RS485)	Serial COM	COM1, COM3 (RS232/RS422/RS485), COM2(RS485)	COM1 (RS232/RS422/RS485), COM2 (RS485/RS422), COM3 (RS232)
N/A	Ethernet	1 way 10M/100M adaptive	
128 x 102 x 32 mm	Size	204 x 145 x 33.8 mm	274 x 213 x 39 mm

Full HD Model / Text Model

15.6 inches		4.3 inches
RTS 6156H		RTP 1043
1920 x 1080	Resolution	192 x 64
65 536 (16-Bit)	Color	1 (Mono)
250cd/m2	Brightness	60 cd/m2
170°	View	120°
4-wires Resistive	Touch Panel	Keyboard (19 Keys)
ARM Cortex A8 (1000MHz)	CPU	ARM Cortex M3 (72MHz)
Micro SD (TF)	SD Slot	N/A
COM1, COM3 (RS232/RS422/RS485), COM2(RS485/RS422)	Serial COM	COM0, COM1 (RS232/RS422/RS485)
10/100 Mbit	Ethernet	N/A
394 x 256 x 36 mm	Size	186 x 96 x 35.6 mm

Multi-Touch Models

7.0 inches		9.7 inches
RTS 007		RTS 010
1024 x 600	Resolution	1024 x 768
16 millions (24-Bit)	Color	16 millions (24-Bit)
450cd/m2	Brightness	350cd/m2
160°	View	180°
Capacitive	Touch Panel	Capacitive
ARM Cortex A8 (600MHz)	CPU	ARM Cortex A8 (600MHz)
Yes	SD Slot	Yes
COM1-COM4 (RS232/RS422/RS485)	Serial COM	COM1-COM4 (RS232/RS422/RS485)
10/100 Mbit	Ethernet	10/100 Mbit
185.1 x 131.1 x 30 mm	Size	247 x 197 x 31.5 mm

Service and Customer Support

Our customers can count on Rievtech support throughout the service life of every product:

- Technical Support
- On-Site Support
- Tutorial Materials
- Local Support (Application Expertise)
- R&D Support

International Acceptance

CE RoHS FC

RIEVTECH

Excellent Performance • Flexible • Comfortable • Modern

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HMI PANEL SERIES

MULTI-TOUCH SERIES   **ECONOMICAL SERIES**   **TEXT PANELS**

NEW OPPORTUNITIES WITH
RIEVTECH HMIs

The HMI provides the operator an effective way to control machine operation. Operator can easily be alerted to machine alarms and status conditions. Operator Screens illustrate the different sets of machine functionality typically used for setup, maintenance, product run changes and fault conditions.

RTS4043C, RTS6070WE, RTS6100M, RTS6156H
Economical Series
Models

RTS007 and RTS010 Multi-Touch Series
Models

Each screen for HMI can be designed and built in minutes using 'drag and drop' graphical objects found in the Rievtech Studio application development utility. A library of standard shapes are provided as well as the ability to use bitmap images to create objects.
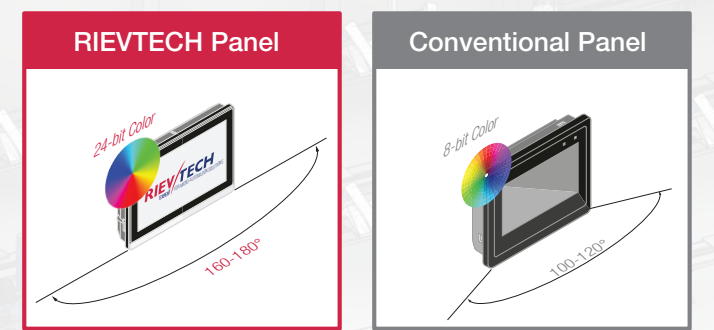
RTP1043 Text Panel
Model

Applications
Automative, Building Automation, Education, Food & Beverage, Manufacturing, Material Processing, Medical, Oil & Gas, Education, Packaging, Power & Energy, Printing, Pumps, Refrigeration, Textile, Water/Waste Treatment, Boiler Control, Engineering Machinery

HIGHLIGHTS

PICTURE QUALITY
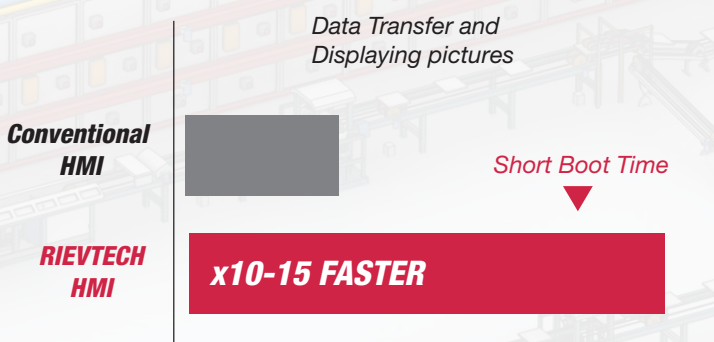**Clear and high-resolution display with 16.7M or 65K TFT colors**

High brightness models minimizing reflection to the features from a larger sized model provide high visibility even in well-lit locations.
Wider color range that enables accurate, detailed, and natural-looking images.

RIEVTECH Panel | Conventional Panel

PRODUCTIVITY
Excellent performance and convenient functions

Powerful CPU - Cortex A8 600MHz
Large Flash / RAM memory - 128/128MB
Support SD Card **Except - RTS4043C**
Anti-Scratching, Glass+ Screen Protection **RTS007, RTS010**

Data Transfer and Displaying pictures

Conventional HMI

Short Boot Time

RIEVTECH HMI

x10-15 FASTER

MULTI-TOUCH **RTS007, RTS010**
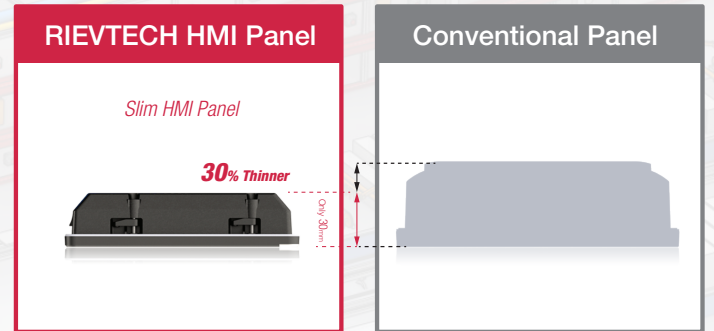**Multi-touch panels open up new dimensions for innovative HMI design.**

There are numerous gestures that might be used in an application: zooming in and out and rotating objects with two fingers, scrolling through lists and switching to the next screen with a quick swipe. The main advantage of multi-touch technology is how it makes operation more intuitive.

Tap | Double Tap | Tap and hold | Multi-finger taps | Drag and Flick | Pinch and Spread

OTHER FEATURES
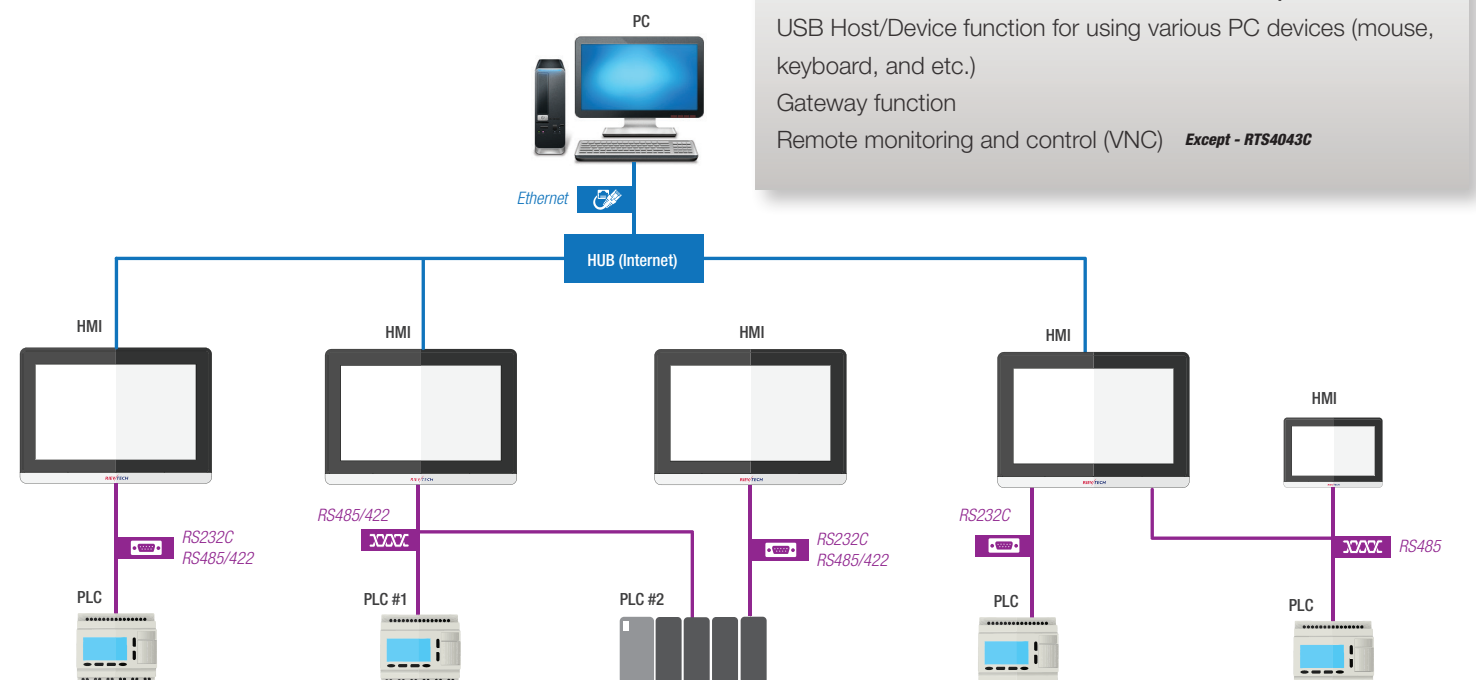**Modern industrial design, usability and flexibility**

Coating on all Electronic Boards - defense guards against dust, condensation and corrosion - ensuring maximum longevity.
New attractive slim housing.
Isolated Power.

RIEVTECH HMI Panel | Conventional Panel
Slim HMI Panel
30% Thinner

HIGH CONNECTIVITY
Communicable simultaneously with PLC, barcode reader, VFD, temperature controller

2 or 4 Serial COM Ports (RS2323/422/485)
10BASE-T/100BASE-TX Ethernet interface **Except - RTS4043C**
USB Host/Device function for using various PC devices (mouse, keyboard, and etc.)
Gateway function
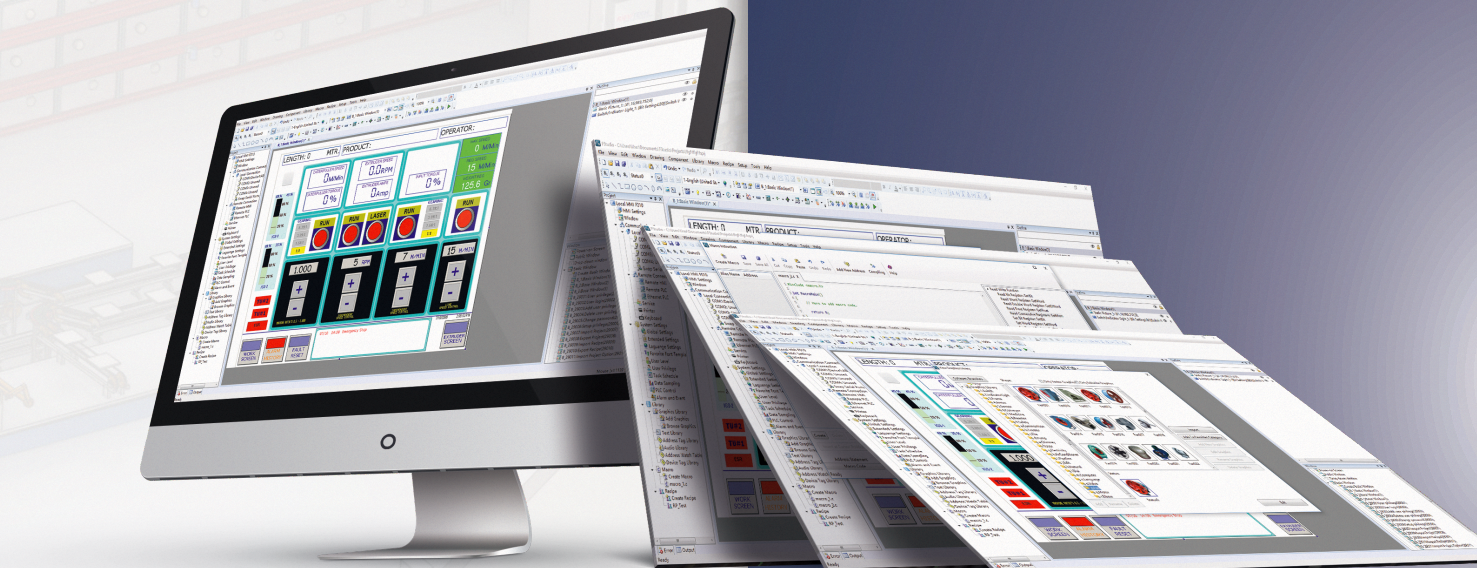Remote monitoring and control (VNC) **Except - RTS4043C**

SOFTWARE HIGHLIGHTS

- Various vector symbols and high quality raster symbols
- Simple video clips with GIF drawing
- Convenient and easy screen editing
- Enhanced data management function (Logging, Recipe and Alarm)
- Multi-lingual display of up to 32 languages
- Offline simulation program
- Support of a wide range of communication drivers
- Powerful script language
- User and group access control
- Download and use the full featured version for FREE!

RIEVTECH STUDIO
Configuration Software

Rievtech Studio is used to create projects that can display information from a PLC, process status, or can be used to input data with virtual switches or keypads to make changes to a process.
Each screen can be designed and built in minutes using 'drag and drop' graphical objects found in the application library.
Built-in Serial and Networking Protocols will allow Rievtech HMI to locally or remotely communicate with Rievtech or other major brand PLC manufacturers.

SUPPORTED PROTOCOLS

RIEVTECH	Haiwell	Parker
ABB	HCFA	RKC
Acrel	Hitachi	RS Automation
Action Technology	HOLLYSYS	Runpower
Allen-Bradley	LS	Saia
FATEK	MEGMEET	Schneider
FLEXEM	Metronix	SIEMENS
GE	MIKOM	TCL
GPS	KCLY Mitsubishi	TENDZONE
ANCHORWILL	KEWEI	THINGET
GINWAVE	KEYENCE	Tjck
BACNET	Kinco	TRIO
DELTA	Koyo	VIGOR
Delian	MOCHUAN	VIPA
Envicool	Modbus	VMMORE
HUST	Compatible	Wellthinker
IDEC	MYITER	Yaskawa
Inovance	OMRON	Yokogawa
Invt	ONI	
Crouzet JINZHIDA	Panasonic	

GRAPHICS OBJECTS

Basic		Enhanced
Straight Line	Static Picture	Bar Chart
Fold Line	Static Text	Sector Chart
Rectangle	Drop-down List	Meter
Polygon	Numeric Value	Trend Curve
Ellipse	and	XY Chart
Arc	Character	Disk and Curve
Sector	Display/Input	Slider
Sector	Switch (Bit, Word,	Scale
Ring	Key)	Moving Component
Table	Indicator Light (Bit,	Canvas
	Word, Mode ...)	Pipeline
	Check list	PDF Document
	Selection boxes	

High Performance
With faster CPU and more memory than conventional HMI products, Rievtech HMI delivers high performance control, visualization, and data historian capabilities to maximize productivity and cost efficiency

Modern
Filled with smarter design and engineering tools and solid HMI functionality, Rievtech provides state-of-the-art HMI graphics for your applications. Higher user confidence in your application with bright high-resolution display and fast touch response. Easy mounting and access to connections save time for engineers. Modern look and feel with a consistent design through the entire panel series.

Flexibility
The interoperability of the Rievtech HMI adds to its ease of use. Using serial and Ethernet connectivity, it can be used with controllers and other devices from multiple vendors for swift and smooth implementation. The HMI offers the flexibility needed to match specific customer or application requirements.

PC
Ethernet
HUB (Internet)
HMI | HMI | HMI | HMI | HMI
RS232C RS485/422 | RS485/422 | RS232C RS485/422 | RS232C | RS485
PLC | PLC #1 | PLC #2 | PLC | PLC