PROFESSIONAL
SOLUTIONS

PRTronic
GmbH

PRTronic GmbH

Head Office
PRTronic GmbH
Rudolfsbahngürtel 82a
9020 Klagenfurt am Wörthersee

Office
Blatnica 14
1236 Trzin, Slovenia

WWW.PRTRONIC.AT

PRTronic GmbH was founded in 2013 as a company, specialised for industrial ELECTRONIC COMPONENTS, professional monitors, embedded systems and rfid solutions.

PRTronic GmbH has headquarters in Klagenfurt am Wörthersee (Austria) and subsidiary office in Slovenia (Trzin). Because of good strategic location, we are able to support the customers around the Europe.

Over the years, PRTronic GmbH has become an expert company of Gaming and Digital Signage solutions.

We are offering to our customer a wide range of professional industrial monitors from the small sizes like 4,3" up to the large sizes like 86" and bigger.

Our company was the first that introduced successfully 32" monitor with the P-cap touch screen without any disturbance for Gaming application in the year 2014.
From that year on, we have successfully entered a large numbers of different applications, where we supply our customers with our solutions.

Our goal is still the same:

We want to ensure our dedication to maintaining the fundamental principles of fairness, honesty and common sense, which are the heart of the Company's philosophy, values and corporate standards. Strong business ethics form the basis for all of our relationships with employees, customers, partners, competitors, suppliers and colleagues. Preserving these values and business ethics is a responsibility that falls to all of us, and we ensure they are integrated throughout the organisation through our values and business ethics code.

Our core cultures and values include:

Customer Driven: We are in business to deliver value to our customers
Integrity: We will always be transparent in our dealings
Passion for Excellence: We will stretch ourselves to make the difference
People Focused: Success for our business will be determined by our people
Innovative Problem Solving: We pride ourselves in our ability to solve our customers' problems
Teamwork: Teamwork underpins our business

For us you are not only a client, YOU ARE OUR PARTNER.

Founder of PRTronic GmbH
Tomaž Kranjec

OPEN FRAME MONITORS ////

FEATURES

- Diverse size ranging 10,1"- 86" with perfect functional touch screen options

- Optimization on dimensional and firmware customization

- Mechanical design customizable to fit into game machines or special applications

- Strong support on firmware customization on EDID and video signals

GAMING MONITORS

PANEL

Panel brand	AUO, LG, Samsung
Panel size	10,1" – 86"
Resolution	1920*1080/3840*2160
Brightness (nits)	250/350/500/700
Operating life (hours)	50.000 – 60.000h
Viewing angle	178/178

TOUCH

Touch type	PCAP, SAW, IR
Number of touch points	Single, Multi
Interface	USB

MEDIA CONNECTIVITY

Operating system	Interface
Board version	HDMI, DP, DVI, VGA

ENVIROMENT

Operating enviroment	Indoor
Operating temperature	0°C ~ +50°C
Storage temperature	-20°C ~ +60°C
Humidity	10% - 90% RH Non-condensing

CLOSE FRAME MONITORS ////

FEATURES

- Optimized design of closed frame with bezel for mounting on spine or protruding structure
- Selectable colors on aluminum frames enclosures (Silver, Gold, Black, Red)
- Programmable LED lighting with pixel control controllers for fascinating light effects
- LED lighting option with acryl ring (around), touch/glass inside acryl LED, touch/glass on top of acryl LED
- Strong support on firmware customization on EDID and video signals

GAMING MONITORS

PANEL

Panel brand		AUO, LG, Samsung
Panel size	10,1" – 86"	
Resolution		1920*1080/3840*2160
Brightness (nits)		250/350/500/700
Operating life (hours)		50.000 – 60.000h
Viewing angle		178/178

TOUCH

Touch type	PCAP, SAW, IR
Number of touch points	Single, Multi
Interface	USB

MEDIA CONNECTIVITY

Operating system	Interface
Board version	HDMI, DP, DVI, VGA

ENVIROMENT

Operating enviroment	Indoor
Operating temperature	0°C ~ +50°C
	-20°C ~ +60°C
Humidity	10% - 90% RH Non-condensing

CURVED MONITORS ////

FEATURES

- Cost-effective models by natural bending available

- 10 points PCAP and protection glass ready

- Programmable LED lighting by pixel controller for special color patterns of jack pot, cascade effect

- LED lighting installed for ring, front and rear side

GAMING MONITORS

PANEL

Panel brand	AUO, LG, Samsung
Panel size	23,6"/27"/32"/43"
Resolution	1920*1080/3840*2160
Brightness (nits)	250/350
Operating life (hours)	50.000 – 60.000h
Viewing angle	178/178
Curved trype	C type / J type

TOUCH

Touch type	PCAP
Number of touch points	Single, Multi
Interface	USB

MEDIA CONNECTIVITY

Operating system	Interface
Board version	HDMI, DP, DVI, VGA

ENVIROMENT

Operating enviroment	Indoor
Operating temperature	0°C ~ +50°C
Storage temperature	-20°C ~ +60°C
Humidity	10% - 90% RH Non-condensing
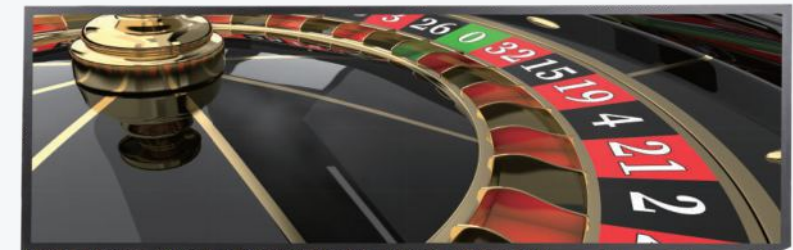
STRETCHED MONITORS ////

FEATURES

- A wide range of sizes selection from 11" to 88"

- Special resolution options and wide screen format options

- Customize content for portrait and landscape screen mode

- Flexible application in shop shelves, digital menu board, airport or station information display

GAMING MONITORS

PANEL

Panel brand	LG, Samsung
Panel size	11" – 88"
Resolution	1920*360/1920*540
Brightness (nits)	300/500/700
Operating life (hours)	50.000 – 60.000h

MEDIA CONNECTIVITY

Operating system	Interface	Storage
Driver board version	HDMI, DVI, VGA	None
Standalone version	HDMI, USB	16G
Android version	HDMI, USB	2G+16G/4G+16G
Windows version	HDMI, VGA, USB	4G+120G SSD

ENVIROMENT

Operating enviroment	Indoor
Operating temperature	0°C ~ +40°C
Storage temperature	-10°C ~ +60°C
Humidity	10% - 80% RH Non-condensing

OPTIONAL ITEM

WIFI access poin	Yes

HIGH BRIGHTNESS MONITORS ////

FEATURES

- Perfect visual readability under any lighting condition
- Designed for indoor & outdoor applications
- LCD Blacking defect-free option (H-Tni 110°C)
- Advanced optical bonding solution available
- Mean Time Between Failure (MTBF) is 100.000h

Normal LCD   Sun Readable LCD

DIGITAL SIGNAGE

PANEL

Panel brand	LG, Samsung
Panel size	6" – 86"
Resolution	1920*1080/3840*2160
Brightness (nits)	1000/1500/2000/3500
Operating life (hours)	100.000h
Viewing angle	178/178

TOUCH

Touch type	PCAP (Optical bonding)
Number of touch points	Single, Multi
Interface	USB

MEDIA CONNECTIVITY

Operating system	Interface
Board version	HDMI, DP, DVI, VGA
Display KIT	LVDS

ENVIROMENT

Operating enviroment	Indoor
Operating temperature	0°C ~ +50°C
Storage temperature	-20°C ~ +60°C
Humidity	10% - 90% RH Non-condensing

OUTDOOR FLOOR STAND KIOSK ////

FEATURES

- IP55/IP65
- Automatic brightness control
- Automatic temperature control
- Security lock
- Additional monitoring devices is available
- Customized logo options

COLOR IS OPTIONAL ■ ■ ■ ■ ■ □ ■

AR glass

PRTF130P

PRTUO200P

PANEL

Panel brand	LG, Samsung
Panel size	43"/49"/55"/65"/75"/86"/98"
Resolution	1080*1920/2160*3840
Brightness (nits)	2000-3000
Operating life (hours)	50.000 – 60.000h

TOUCH

Touch type	Capacitive touch
Number of touch points	10/40
Interface	USB

MEDIA CONNECTIVITY

Operating system	Interface	Storage
Driver board version	HDMI, DVI, VGA	None
Standalone version	HDMI, USB	16G
Android version	HDMI, USB	2G+16G/4G+16G
Windows version	HDMI, VGA, USB	4G+120G SSD

OPTIONAL ITEM

WIFI access point	Yes	Camera	Yes
Wheels	Yes	Printer	Yes
Scaner	Yes	Card reader	Yes

ENVIROMENT

Operating enviroment	Outdoor
Operating temperature	-20°C ~ +40°C with fans, -30°C ~ +50°C with air conditioner
Storage temperature	-20°C ~ +60°C
Humidity	10% - 80% RH Non-condensing

ENCLOSURE

Dust proof & Water proof	IP55/IP65
Glass type	Laminated tempered and anti-reflective glass

PRTronic GmbH

WWW.PRTRONIC.AT

OUTDOOR WALL MOUNTED DISPLAY ////

FEATURES

- IP55/IP65
- Automatic brightness control
- Automatic temperature control
- Support front maintenance
- Ultra thin design-10cm only
- Support landscape and portrait screen mode

COLOR IS OPTIONAL

AR glass

Full glass design in front

13cm

PRTV130L

10CM

PRTWO200P

PANEL

Panel brand	LG, Samsung
Panel size	32"/43"/49"/55"/65"/75"/86"
Resolution	1920*1080/3840*2160
Brightness (nits)	2000-3000
Operating life (hours)	50.000 – 60.000h

TOUCH

Touch type	Capacitive touch
Number of touch points	10/40
Interface	USB

MEDIA CONNECTIVITY

Operating system	Interface	Storage
Driver board version	HDMI, DVI, VGA	None
Standalone version	HDMI, USB	16G
Android version	HDMI, USB	2G+16G/4G+16G
Windows version	HDMI, VGA, USB	4G+120G SSD

OPTIONAL ITEM

WIFI access point	Yes
Touch screen	Yes

ENVIROMENT

Operating enviroment	Outdoor
Operating temperature	-20°C ~ +40°C with fans, -30°C ~ +50°C with air conditioner
Storage temperature	-20°C ~ +60°C
Humidity	10% - 80% RH Non-condensing

ENCLOSURE

Dust proof & Water proof	IP55/IP65
Glass type	Laminated tempered and anti-reflective glass

SEMI-OUTDOOR WINDOW DISPLAY ////

Control keys

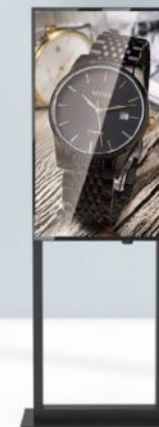Speaker

PRTUW1500P

PRTUW1500L

COLOR IS OPTIONAL ■ ■ ■ ■ ■ ■

FEATURES

- Shop window application solution

- Flexible installation wall mounted, floor standing or hanging

- Support landscape and portrait screen mode

- High brightness screen options 1500nits - 3000nits

- Excellent performance for heat dissipation

- Super narrow frame design

PRTronic GmbH

WWW.PRTRONIC.AT

PRTU1500P

PANEL

Panel brand	LG, Samsung
Panel size	32"/43"/49"/55"
Resolution	1080*1920/2160*3840
Brightness (nits)	1500-3000
Operating life (hours)	50.000 – 60.000h

MEDIA CONNECTIVITY

Operating system	Interface	Storage
Driver board version	HDMI, DVI, VGA	None
Standalone version	HDMI, USB	16G
Android version	HDMI, USB	2G+16G/4G+16G
Windows version	HDMI, VGA, USB	4G+120G SSD

OPTIONAL ITEM

WIFI access point	Yes

ENVIROMENT

Operating enviroment	Semi - Outdoor
Operating temperature	0°C ~ +40°C
Storage temperature	-10°C ~ +60°C
Humidity	10% - 80% RH Non-condensing

INSTALLATION

Hanging	Floor standing	Wall mounted

PRTronic GmbH

WWW.PRTRONIC.AT

INDOOR TOTEM CLASSIC ////

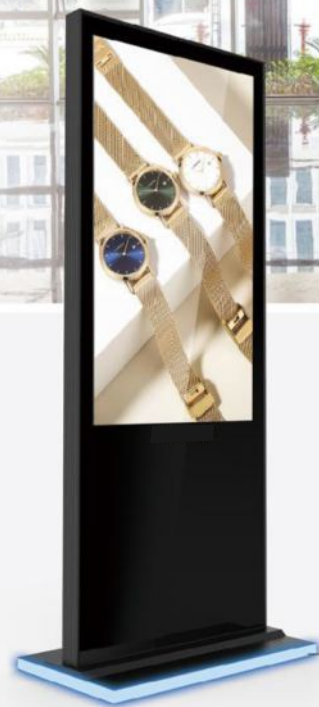**COLOR IS OPTIONAL** ■ ■ ■ ■ ■

PRTIS1900

PRTUT1900

FEATURES

- Reinforced aluminum profile

- Side strip design

- Inlaid reinforced base

- Light bar options

- Common structure for multiple operating systems

PRTronic GmbH

WWW.PRTRONIC.AT

PRTAL1900

Light bar

PANEL

Panel brand	LG, Samsung
Panel size	43"/49"/55"/65"
Resolution	1080*1920/2160*3840
Brightness (nits)	350/700/1000nit
Operating life (hours)	50.000 – 60.000h

MEDIA CONNECTIVITY

Operating system	Interface	Storage
Driver board version	HDMI, DVI, VGA	None
Standalone version	HDMI, USB	16G
Android version	HDMI, USB	2G+16G/4G+16G
Windows version	HDMI, VGA, USB	4G+120G SSD

ENVIROMENT

Operating enviroment	Semi - Outdoor
Operating temperature	0°C ~ +40°C
Storage temperature	-10°C ~ +60°C
Humidity	10% - 80% RH Non-condensing

TOUCH

Touch type	Capacitive touch/Infrared touch
Number of touch points	10/40
Interface	USB

OPTIONAL ITEM

WIFI access point	Yes
Wheels	Yes
Touch screen	Yes
Camera	Yes
Printer	Yes
Card reader	Yes
Scaner	Yes

INDOOR INTERACTIVE KIOSK ////

COLOR IS OPTIONAL ■ ■ ■ ■ ■ □ ■

PRTIK110

PRTIK120

FEATURES

- Perfect smooth radian

- Reinforced base

- Sensitive multi-touch screen

- High compatible system

- Wayfinding application solution

PRTIK130

PRTIK140

PANEL

Panel brand	LG, Samsung
Panel size	22"/32"/43"/49"/55"
Resolution	1920*1080/3840*2160
Brightness (nits)	350/700/1000nit
Operating life (hours)	50.000 – 60.000h

MEDIA CONNECTIVITY

Operating system	Interface	Storage
Driver board version	HDMI, DVI, VGA	None
Standalone version	HDMI, USB	16G
Android version	HDMI, USB	2G+16G/4G+16G
Windows version	HDMI, VGA, USB	4G+120G SSD

ENVIROMENT

Operating enviroment	Indoor
Operating temperature	0°C ~ +40°C
Storage temperature	-10°C ~ +60°C
Humidity	10% - 80% RH Non-condensing

TOUCH

Touch type	Capacitive touch/Infrared touch
Number of touch points	10/40
Interface	USB

OPTIONAL ITEM

WIFI access point	Yes
Wheels	Yes

PRTronic GmbH

INDOOR PORTABLE KIOSK ////

FEATURES

- Foldable design, space-saving
- Secure triangle design
- Light weight, portable for transportation
- Mirror and motion sensor options

COLOR IS OPTIONAL

PRTMI320

PRTPOK

PANEL

Panel brand	LG, Samsung
Panel size	43"/49"/55"
Resolution	1080*1920/2160*3840
Brightness (nits)	350/700/1000
Operating life (hours)	50.000 – 60.000h

MEDIA CONNECTIVITY

Operating system	Interface	Storage
Driver board version	HDMI, DVI, VGA	None
Standalone version	HDMI, USB	16G
Android version	HDMI, USB	2G+16G/4G+16G
Windows version	HDMI, VGA, USB	4G+120G SSD

OPTIONAL ITEM

WIFI access point	Yes	Camera	Yes
Wheels	Yes	Touch screen	Yes

ENVIROMENT

Operating enviroment	Indoor
Operating temperature	0°C ~ +40°C
Storage temperature	-20°C ~ +60°C
Humidity	10% - 80% RH Non-condensing

TOUCH

Touch type	Capacitive touch/Infrared touch
Number of touch points	10/40
Interface	USB

INDOOR WALL MOUNTED DISPLAY ////

FEATURES

- Multi-system and multi-port selection
- Support landscape and portrait screen mode
- Flexible installation wall mounted or ceiling-mounted
- Security lock option
- Smart menu application option

COLOR IS OPTIONAL ■ ■ ■ ■ ■ □ ▪

PRTWI300L

PANEL

Panel brand	LG, Samsung
Panel size	32"/43"/49"/55"/65"/75"/86"/98"
Resolution	1920*1080/3840*2160
Brightness (nits)	350/700/1000
Operating life (hours)	50.000-60.000h

MEDIA CONNECTIVITY

Operating system	Interface	Storage
Driver board version	HDMI, DVI, VGA	None
Standalone version	HDMI, USB	16G
Android version	HDMI, USB	2G+16G/4G+16G
Windows version	HDMI, VGA, USB	4G+120G SSD

OPTIONAL ITEM

WIFI access point	Yes	Touch screen	Yes

ENVIROMENT

Operating enviroment	Indoor
Operating temperature	0°C ~ +40°C
Storage temperature	-10°C ~ +60°C
Humidity	10% - 80% RH Non-condensing

TOUCH

Touch type	Capacitive touch/Infrared touch
Number of touch points	10/40
Interface	USB

PR Tronic GmbH

WWW.PRTRONIC.AT

VIDEO WALL ////

FEATURES

- Ultra narrow bezel

- Clear and sharp display information

- With the industry's thinnest bezel and outstanding image quality

PRTUVI

PANEL

Panel brand	LG, Samsung
Panel size	46"/49"/55"
Resolution	1920*1080/3840*2160
Brightness (nits)	500/700
Operating life (hours)	50000-60000h

Bezel option (mm)

3.5mm	1.8mm	0.99mm

Installation & Interface

Build-in interface	HDMI, VGA, DVI, USB
Installation	Wall mounted, Floor standing

Controller

Matrix	Splitter	Graphic processing

ENVIROMENT

|	
Operating enviroment	Indoor
Operating temperature	0°C ~ +40°C
Storage temperature	-10°C ~ +60°C
Humidity	10% - 80% RH Non-condensing

LED POSTER PRO

FEATURES

- Global ultra-thin design (35mm)
- Over 97% color saturation, exquisite picture quality, low brightness and high gray
- 8-level freely adjustable brightness
- User-lever front maintenance, all-weather protection technology
- View angle: 160 deg
- Available size: 83"
- Brightness (nits): 480 - 800 (8 level adjustable)
- Operating Life (hours): 100.000
- Contrast: 4000:1

35mm
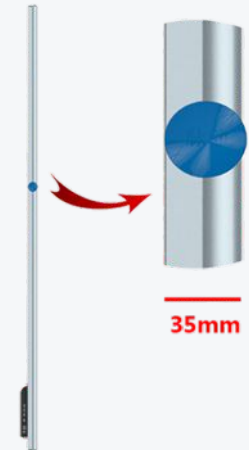
PIXEL PITCH

| 1.875 mm (320 x 1080 pixel) |
| 2.5 mm (240 x 810 pixel) |
| 3.125 mm (192 x 648 pixel) |

Installation type

| Bracket standing, ground stacking / hanging, wall mounting |

MEDIA CONNECTIVITY

Control interface	RJ45, USB-B, WIFI
Support video format	MP4, AVI, WMV
Video interfaces	HDMI x 2 (1 input, 1 output), USB 2.0 x 2

ENVIROMENT

Operating enviroment	Indoor
Operating temperature	0°C ~ +40°C
Storage temperature	-10°C ~ +60°C
Humidity	10% - 80% RH Non-condensing

PRTronic
GmbH

WWW.PRTRONIC.AT

©PRTronic, 05/2020