

WP WEB PANEL



Innovative Web Panel with smart QIWI software toolkit

- ▶ Display sizes: 7", 10.1" and 15.6" versions, capacitive multi-touch
- ▶ IP65 aluminum front bezel, optional stainless steel
- ▶ High performance up to Intel Atom® Quad Core™ or Arm® i.MX8M Mini Quad Core
- ▶ Chromium based HTML-5 browser or MicroBrowser
- ▶ QIWI software toolkit for better performance and easy configuration

WP WEB PANEL

Multi-Touch Panels with HTML-5 Browser

This modern Web Panel series combines high-quality design with brilliant multi-touch technology displays and scalable performance. The Web Panels feature a robust glass touchscreen, completely flush mounted in a stylish aluminium or stainless steel frame. Standard versions are considered for panel mount and offer IP65 protection at the front.

The Web Panels are delivered with a smart "QIWI" software toolkit with a performance-optimized HTML-5 browser together with

numerous sophisticated features for the specific needs of industrial users.

For a flexible choice of performance levels we offer Arm® based i.MX6 single or dual core and i.MX8M Mini Quad Core as well as Intel Atom® based dual or quad core processors.

The Web Panels have been designed as long-term available devices (> 10 years) and can also be customized and optimized to individual requirements.

TECHNICAL INFORMATION

		WP 3x with Arm® i.MX6	WP 4x with Arm® i.MX8M Mini	WP 5x with Intel Atom® E3800
TOUCH		PCAP multi-touch, flush glass surface		
PROCESSOR		Arm® i.MX6 1 or 2 Cores 800 MHz	Arm® i.MX8M Mini 4 Cores 1.6 GHz	Intel Atom® E3800 2 Core 1.33 GHz / 4 Core 1.91 GHz
MEMORY/STORAGE	RAM FLASH	1 GB DDR3 (up to 2 GB) 512 MB NAND Flash microSD-slot	1 GB DDR4 (up to 2 GB) 4 GB eMMC (up to 32 GB) microSD-slot	2 GB DDR3 (up to 8 GB) 16 GB eMMC (up to 32 GB) microSD-slot
INTERFACES		2x USB 2.0 (Host) 1x Ethernet (10/100)	2x USB 2.0 (Host) 1x Ethernet (10/100/1000)	2x USB 2.0 (Host) 1x Ethernet (10/100/1000)
POWER SUPPLY		24 VDC ±20 %		
EMC		EN 61000-6-2 (immunity), EN 61000-6-4 (emission)		
CERTIFICATIONS		CE	CE, (UL/cUL planned)	CE
PROTECTION CLASS/ MECHANICAL		Front IP65 in aluminum, backside IP20 in stainless steel/fixing elements for quick mounting (portrait or landscape)		
ENVIRONMENT	OPERATING TEMPERATURE COOLING SHOCK VIBRATION HUMIDITY	0 °C ... +55 °C Fanless Shock (EN 60068-2-27) Vibration (EN 60068-2-6) 10 % - 90 % @ 39 °C, non-condensing		
SOFTWARE	OPERATING SYSTEM BROWSER ADDITIONAL SOFTWARE	Embedded Linux (Yocto) Chromium based HTML-5 or MicroBrowser (IniNet) QIWI Toolkit, optimized browser with easy configuration and wide range of features	Embedded Linux (Yocto) Chromium based HTML-5	Embedded Linux (Debian) Chromium based HTML-5
OPTIONS (FURTHER OPTIONS ON REQUEST)		Stainless steel front, 2x Ethernet, 1x RS232, 1x RS485 WIFI USB Dongle	Stainless steel front, 2x Ethernet, 1x RS232, WIFI USB Dongle	Stainless steel front, 2x Ethernet, 1x RS232, 1x RS485 WIFI USB Dongle

DISPLAY INFORMATION

DISPLAY SIZE	RESOLUTION	TYPE	FORMAT	BRIGHTNESS	VIEWING ANGLE	COLORS	DIMENSIONS WP3x/WP4x
7.0"	1024x600	Opt. bond	17:10	450 cd/m²	85°/85°/85°/85°	16.7 million	200 x 132 x 48
10.1"	1280x800	Opt. bond	16:10	430 cd/m²	80°/80°/80°/80°	16.7 million	265 x 187 x 41
15.6"	1366x768	Air-gap	16:9	400 cd/m²	85°/80°/85°/85°	16.7 million	405 x 254 x 60