



Our Vision is Your Vision

2025 Industrial Catalog

A large, circular graphic with a blue and white circuit board pattern. The words "EDGE" and "COMPUTING" are written in a bold, white, sans-serif font, stacked vertically in the center of the circle. The background of the entire page features a collage of industrial and technological images: wind turbines on the left, a car body on the right, and a robotic arm at the bottom. The overall theme is industrial automation and edge computing.

EDGE
COMPUTING

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ITD Series

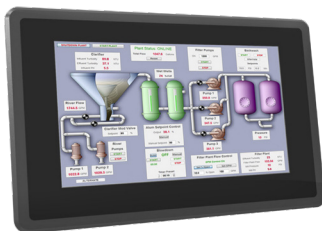
Industrial Touchscreen Display





ORDERING INFORMATION

Part Number	Description
ITD-7	7" Industrial Touchscreen Display
ITD-10	10.1" Industrial Touchscreen Display
ITD-10-IP65	10.1" Industrial Touchscreen Display with IP65 Rated mounting frame
ITD-16	15.6" Industrial Touchscreen Display
ITD-22	21.5" Industrial Touchscreen Display



SPECIFICATIONS

Model Number	ITD-7	ITD-10	ITD-16	ITD-22
Touch Screen	10-point capacitive touch	Capacitive touch	10-point capacitive touch	10-point capacitive touch
Size	7" LCD	10.1" LCD	15.6" LCD	21.5" LCD
Resolution	800x480	1920x1200	1920x1200	1920x1080
Aspect Ratio	16:9	16:10	16:9	16:9
Brightness	1000 nits	1500 nits	1000 nits	1000 nits
Contrast	1000:1	1000:1	1000:1	1500:1
Viewing Angle	140° / 120° (H/V)	170° / 170° (H/V)	160° / 160° (H/V)	170° / 170° (H/V)
HDMI	1 x HDMI 1.4b	1	1 x HDMI 1.4b	1 x HDMI 1.4b
VGA	x1	1080p 24/	x1	x1
AV	x2	N/A	x1	x1
USB Type-C	N/A	x1	N/A	N/A
Audio Input	x1	N/A	N/A	N/A
Supported Formats	HDMI: 2160p 24/25/30, 1080p 24/25/30/50/60, 1080i 50/60, 720p 50/60	HDMI: 2160p 24/25/30, 1080p 24/25/30/50/60, 1080i 50/60, 720p 50/60 VGA: 1080p 24/25/30/50/60, 1080pSF 24/25/30, 1080i 50/60, 720p 50/60 USB: 1080p 24/25/30/50/60, 1080pSF 24/25/30, 1080i 50/60, 720p 50/60	HDMI: 2160p 24/25/30, 1080p 24/25/30/50/60, 1080i 50/60, 720p 50/60	HDMI: 2160p 24/25/30, 1080p 24/25/30/50/60, 1080i 50/60, 720p 50/60
Speaker	x1	x1	x2	x2
HDMI Audio	2ch	8ch 24-bit	2ch	2ch
Ear Jack	3.5mm - 2ch 48kHz 24-bit	3.5mm - 2ch 48kHz 24-bit	3.5mm - 2ch 48kHz 24-bit	3.5mm - 2ch 48kHz 24-bit
Input Voltage	12-24 VDC	12-24 VDC	12-24 VDC	12-24 VDC
Power Consumption	≤ 5.5W (12V)	≤ 19W (12V)	≤ 24.5W (15V)	≤ 37W (15V)
Operating Temp.	-4°F~140°F (-20°C~60°C)	-4°F~140°F (-20°C~60°C)	-4°F~140°F (-20°C~60°C)	32°F~122°F (0°C~50°C)
Storage Temp.	-22°F~158°F (-30°C~70°C)	-22°F~158°F (-30°C~80°C)	-22°F~158°F (-30°C~70°C)	-4°F~140°F (-20°C~60°C)
Water Proof	IPx4 front panel	IP65 front panel (only available with extension cable)	IPx4 front panel	IPx5 front panel
Dust Proof	IP6x front panel	IP6x front panel	IP6x front panel	IP6x front panel
Dimensions (LxWxD)	8.27" x 5.16" x 1.35" (210mm x 131mm x 34.2mm)	9.88" x 6.69" x 1.3" (251mm x 170mm x 33mm)	16.06" x 10.2" x 1.44" (408mm x 259mm x 36.5mm)	21.89" x 13.56" x 1.9" (556mm x 344.5mm x 48.2mm)
Weight	2.09 lb (950g)	1.81 lb (820g)	6.39 lb (2.9kg)	13.21 lb (5.99kg)
HDMI Extension Cable	N/A	HDMI, USB-A (for touch)	N/A	N/A
VGA Extension Cable	N/A	VGA, USB-A (for touch)	N/A	N/A

PPC-7T Series

7" Panel PC with High Brightness Touchscreen Display



SPECIFICATIONS

SYSTEM	CPU	Intel® J1900, 2.0GHz quad-core processor
	OS (Optional)	Windows 10 / Linux
	RAM + ROM	4GB (8GB is optional) + 120GB (support up to 1TB)
	GPU	Integrated Intel HD Graphics
DISPLAY	LCD	800×480, 1000 nits
	Touch Screen	Multi-point capacitive touch screen
INTERFACES	LAN	×2, 1000M
	HDMI Output	×1, support up to 1080P 60Hz
	VGA Output	×1, support up to 1080P 60Hz
	COM (DB-9)	COM1 supports RS232; COM2 supports RS232 / RS485
	USB	USB2.0 host×1, USB3.0 host×2
	Audio Output	Audio output×1, green port
FUNCTION	Bluetooth	2402MHz~2480MHz
	Wi-Fi	802.11a/b/g/n, 2.4GHZ
POWER	Power Supply	DC 12V
	Power Consumption	≤19W (≤2.5W when standby)
OTHERS	Dimension	210mm×131mm×48.2mm
	Weight	985g
	Environment	Front Panel Water-Proof: IPx5
		Front Panel Dust-Proof: IP6x
		Operating Temp: -10°C~60°C (14°F~140°F)
		Storage Temp: -20°C~60°C (-4°F~140°F)

ORDERING INFORMATION

Part Number	Description
PPC-7T	7" Industrial Panel PC with Intel® J1900, 2.0GHz quad-core processor. Consult factory for OS, RAM & Storage options

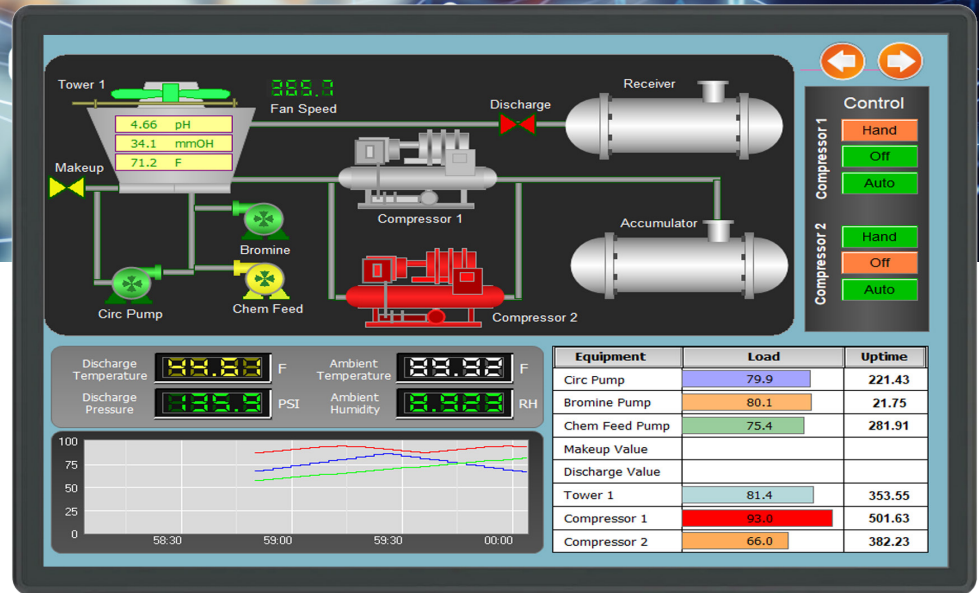
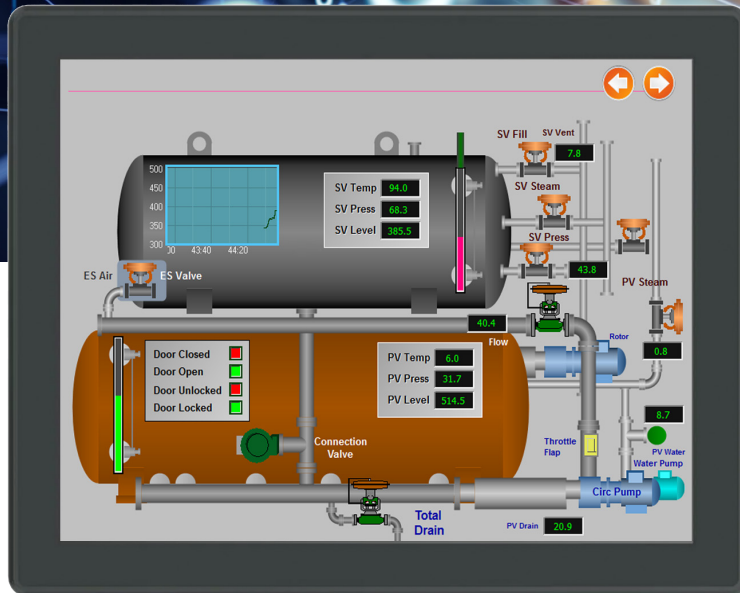
FLEXIBLE I/O INTERFACES



1. DC Power Supply
2. HDMI 1.4 output interface. Supports up to 1080P 60Hz
3. VGA output interface. Supports up to 1080P 60Hz
4. USB 3.0 x 2, USB-A Type
5. RJ45 Port. LAN 1000Mx2
6. RJ45 Port. LAN 1000Mx2
7. USB 2.0 x 1, USB-A Type
8. Stereo Audio Output (3.5mm) x 1
9. COM 1, supports RS232
10. COM 2, Supports RS232 / RS485
11. WiFi / BlueTooth Antenna Slot x 1

PPC-15 Series

Industrial Touch Screen Panel PCs
with 15" or 15" Wide Display



- Intel® 7th Gen (Kaby Lake-U) Processor Core™ i5-7300U, Core™ i3-7100U
- 8GB DDR4 Memory; 512GB SATA SSD Storage
- 1x mSATA (shared by 1x Mini PCIe), 1x CFast (shared by 1x mSATA), 2x SIM socket
- 2x full-size mini PCIe for communication or expansion modules

- 2x LAN, 1x VGA, 1x DisplayPort, 1x Dual Channel 24 bit LVDS
- 4x RS-232/422/485, 4x USB 3.0, Audio
- 8x DI + 8x DO with isolation
- 9 to 50VDC wide range power input
- -10°C to 60°C extended operating temperature
- IP65 compliant front panel
- Two 10W internal speakers built-in

SPECIFICATIONS		
Industrial Panel PC	PPC-15T	PPC-15WT
IP Rating	IP65	IP65
LCD Size	15" (4:3)	15.6" (16:9)
Max. Resolution	1024 x 768 (XGA)	1920 x 1080 (FHD)
Brightness (cd/m²)	350 / 1000 (optional)	400 / 1000 (optional)
Contrast Ratio	700:1	700:1
LCD Color	16.2M	16.7M
Pixel Pitch(mm)	0.297(H) x 0.297(V)	0.17925(H) x 0.17925(V)
Viewing Angle	170/160	160/140
Backlight MTBF	50000 hrs (LED Backlight)	50000 hrs (LED Backlight)
Touch Type	Resistive 5-Wire	Resistive 5-Wire
Processor	Intel® 7th Gen (Kaby Lake-U) Processor Core™ i5-7300U, Core™ i3-7100U	Intel® 7th Gen (Kaby Lake-U) Processor Core™ i5-7300U, Core™ i3-7100U
System Chipset	SoC Integrated	SoC Integrated
LAN Chipset	GbE1 & GbE2: Intel® I210-AT (Support Wake-on-LAN and PXE)	GbE1 & GbE2: Intel® I210-AT (Support Wake-on-LAN and PXE)
System Memory	1x 260-Pin DDR4 1866/2133MHz SODIMM. Max. up to 16GB	1x 260-Pin DDR4 1866/2133MHz SODIMM. Max. up to 16GB
BIOS	AMI 64Mbit SPI BIOS	64Mbit SPI BIOS
Watchdog	Software Programmable 1~255 sec. System Reset	Software Programmable 1~255 sec. System Reset
CFast	1x CFast	1x CFast
mSATA	1x mSATA	1x mSATA
SIM Socket	2x External SIM socket	2x External SIM socket
SSD/HDD	1 x Hotswap 2.5" SATA HDD Bay	1 x Hotswap 2.5" SATA HDD Bay
Mini PCIe	2x Full-size Mini PCIe	2x Full-size Mini PCIe
Audio	1x Mic-In, 1x line-out	1x Mic-In, 1x line-out
COM	4x RS-232/422/485, 2x RS-232/422/485 (internal), DIO 8 in / 8 out (Isolated)	4x RS-232/422/485, 2x RS-232/422/485 (internal), DIO 8 in / 8 out (Isolated)
LAN	2x RJ45	2x RJ45
Universal I/O Bracket	2x Universal I/O Bracket	2x Universal I/O Bracket
USB	4x USB 3.0	4x USB 3.0
DP	1x DP	1x DP
Others	3x Antenna, 1x Power Switch, 1x AT/ATX Switch, 1x Remote Power On/Off	3x Antenna, 1x Power Switch, 1x AT/ATX Switch, 1x Remote Power On/Off
VGA	1x VGA	1x VGA
Optical Bonding	Optional, contact us for more information	Optional, contact us for more information
OSD	LCD On/Off, Auto, Menu, Up and Down Multi-language	LCD On/Off, Auto, Menu, Up and Down Multi-language
Speaker	AMP 10W + 10W	AMP 10W + 10W
Power Adapter	Optional AC/DC 12V/5A, 60W	Optional AC/DC 12V/5A, 60W
Power Management	Power Ignition Management	Power Ignition Management
Power Mode	AT, ATX	AT, ATX
Power Supply Voltage	9~50 VDC	9~50 VDC
Power Connector	3-Pin Terminal Block	3-Pin Terminal Block
Power Protection	OVP (Over Voltage Protection), OCP (Over Current Protection), Reverse Protection	OVP (Over Voltage Protection), OCP (Over Current Protection), Reverse Protection
Operating Temperature	-10 °C ~ 60 °C (14 °F ~ 140 °F)	-10 °C ~ 60 °C (14 °F ~ 140 °F)
Storage Temperature	-20 °C to 70 °C (-4 °F to 158 °F)	-20 °C to 70 °C (-4 °F to 158 °F)
Relative Humidity	10% ~ 80% (non-condensing)	10% ~ 80% (non-condensing)
Certification	CE, FCC Class A	CE, FCC Class A
Dimensions	377 (W) x 301 (D) x 64.7 (H) mm	398 (W) x 247 (D) x 70.7 (H) mm
Mounting Options	VESA Mounting Holes 75 x 75mm, 100 x 100mm	VESA Mounting Holes 75 x 75mm, 100 x 100mm

XPC-15 Series

Sunlight Readable
Industrial Touch Screen Panel PC
with 15" Wide Display



System	
Processor	Intel® TigerLake-U Core™ i3/i5/i7 Processors
System Memory	2 x DDR4 SO-DIMM, up to 64GB
External I/O Port	4 x USB 3.2 Gen2 Ports 2 x RJ45 GbE LAN (Intel® I225-LM supports 2.5GbE LAN) 1 x Display Port 1 x HDMI 4 x RS-232/422/485 1 x Audio out 1 x Power press button 1 x 3-Pin Terminal Block for Power Input
Storage	1 x 2.5" Storage Bay 1 x M.2 M-key(NVME) 2280 Socket
Operating System	Windows 10 IoT Enterprise 2021 LTSC (64-bit, 21H2) Windows 11 IoT Enterprise (64-bit, 21H2, Pre-scan) Linux Ubuntu 22.04 (64-bit, by request) / Linux Yocto Project 3.1 (64-bit, by request)
Expansion	1 x M.2 B-key 2242/3042 (SATA 3.0, PCIe x1, USB 2.0) 1 x M.2 E-key 2230 (PCIe x1, USB 2.0)

LCD	
Display Type	15.6" TFT LCD
Max. Resolution	1920*1080
Max. Color	16.2M
Luminance	450 nits
View Angle	85/85/85/85
Backlight Lifetime	30,000 hours

Power Requirement	
Power Input	DC 12~24V Wide Range Power Input

Touch Screen	
Type	15.6" P-cap USB

Environment	
Operating Temp	-40~70 °C , IEC-60068-2-1/2/14
Storage Temp	-40~70 °C
Humidity	10~90% @40 °C, non-condensing
EMC	Accordance to MILSTD-461G,CE101/102
Vibration	MIL-STD-810H, 514.8, Procedure I (Accordance)
Shock	MIL-STD-810H, 516.8, Procedure I (Accordance)

Mechanical	
Construction	Aluminum Front Bezel and Metal Case
IP Rating	Front Panel IP65 / IP66 Compliant
Mounting	M4 VESA Mount 75 x 75 / 100 x 100 Panel Mounting
Dimension	387.4 x 242.4 x 84 mm

* All specifications are subject to change without prior notice.

ORDERING INFORMATION	
Part Number	Description
XPC-15WT	15.6" (1920*1080) Bezel-Free P-cap Panel PC, Intel® Tigerlake-UP3 Core™ i5-1145G7E, IP65 Aluminum Front Bezel, AG, Removable 2.5" HDD/SSD Tray, DC 12~24V Wide Range Power Input, -40~70°C

SSPPC-15 Series

Stainless Steel IP69 Industrial Touch Screen Panel PC with 15.6" Display



- IP69 15.6" Full HD 16:9 LCD with projected capacitive touch
- Intel® Celeron® processor J1900, 2.0 GHz
- 8GB DDR4 Memory
- 512GB SATA SSD Storage
- M12 2x LAN, 4x USB, 2x COM
- 1x Full-size Mini PCIe for expansion
- Support 110V to 240V AC power input
- Fanless Operation from -20°C to 55°C
- Scratch-resistant and Wear-resistant 7H Tempered Glass
- Optical Bonding for ultimate clarity
- Pressure Valve SUS316 VENT
- Windows 10 IoT Enterprise
- Wifi / Bluetooth Optional

SPECIFICATIONS:

Industrial Panel PC	SSPPC-15WT
IP Rating	IP69K
LCD Size	15.6" (16:9)
Max. Resolution	1920 x 1080 (FHD)
Brightness (cd/m²)	450
Contrast Ratio	800:1
LCD Color	16.2M
Pixel Pitch (mm)	0.17925 (H) x 0.17925 (V)
Surface hardness	>3H
Response time	13ms
Viewing Angle	85 /85 /85 /85 (Typ.) (CR>=10)
Backlight MTBF	60000 hrs (LED Backlight)
Surface hardness	Projected Capacitive 7H
Touch points	Projected Capacitive 2 point
Impact absorption	Projected Capacitive IK07
Processor	Intel® Celeron® Processor J1900, Quad Core, 2MB Cache, 2.0 GHz
System Chipset	SoC Integrated
LAN Chipset	GbE1: Intel® I210-IT (Support Wake-on-LAN and PXE), GbE2: Intel® I210-IT (Support Wake-on-LAN and PXE)
Audio Codec	Realtek ALC886
System Memory	1x 204-pin DDR3L SODIMM. max up to 8GB
TPM	TPM1.2 supported
mSATA	1x mSATA
SIM Socket	1x Internal SIM socket
Mini PCIe	1x Full-size Mini PCIe
COM	2x RS-232/422/485 by M12 A-Code 8-pin
LAN	2x LAN by M12 X-Code 8-pin
USB	4x USB 2.0 by M12 A-code 8-pin
Others	2x WiFi Antenna (Optional), Power On/Off, Reset, P68/IP69K SUS 316 Vent
Windows	Windows 10 IoT Enterprise
Power Mode	ATX
Power Supply Voltage	110 ~ 240V AC Input
Power Connector	M12 S-code 4-pin
Operating Temperature	-20°C to 55°C, optional wide Temp. -20°C to 60°C
Storage Temperature	-20°C to 70°C
Relative Humidity	0% ~ 80% (non-condensing)
IP Level	Full System IP66/IP69K
Certification	CE, FCC Class A
Vibration	With SSD: 2.4 Grms, 5 - 500 Hz, 0.5 hr/axis, With HDD: 1 Grms, 5 - 500 Hz, 0.5 hr/axis Shock, With SSD: 20G, half sine, 11ms
Physical	
Dimensions	425 (W) x 276(H) x 49.5 (D) mm
Weight	7.39 kg
Construction	Stainless Steel SUS316 with Optical bonding
Mounting Options	VESA Mounting Holes 100 x 100mm, Optional Yoke Mount, Panel Mount



M900/R9000 Series

Industrial Rugged PCs

SEATRONX offers the highest quality industrial computers specifically designed to withstand shock and vibration, power fluctuation with wide temperature tolerance.

Part Number:	M900	M900E
Processor	Support Intel® EHL Processor (Up to 10W TDP), -Intel® Celeron® Processor J6413, Quad Core, 1.5 MB Cache, 1.8 GHz	Support Intel® EHL Processor (Up to 10W TDP), -Intel® Celeron® Processor J6413, Quad Core, 1.5 MB Cache, 1.8 GHz
System Chipset	SoC integrated	SoC integrated
LAN Chipset	1 GbE1: Intel I210 (Support Wake-on-LAN and PXE), 2.5 GbE2: Intel I225 (Support Wake-on-LAN and PXE)	1 GbE1: Intel I210 (Support Wake-on-LAN and PXE), 2.5 GbE2: Intel I225 (Support Wake-on-LAN and PXE)
Audio Codec	Realtek ALC888S	Realtek ALC888S
System Memory	1x 260-Pin DDR4 2400/2667/3200MT/s SODIMM. Max. up to 32GB	1x 260-Pin DDR4 2400/2667/3200MT/s SODIMM. Max. up to 32GB
Graphics	Intel® UHD Graphics	Intel® UHD Graphics
BIOS	AMI 256Mbit SPI BIOS	AMI 256Mbit SPI BIOS
Watchdog	Software Programmable Supports 1~255 sec. System Reset	Software Programmable Supports 1~255 sec. System Reset
TPM	TPM 2.0	TPM 2.0
Display Port	3x DisplayPort 1.4, DP++ (4096 x 2160@60Hz)	3x DisplayPort 1.4, DP++ (4096 x 2160@60Hz)
Multiple Display	Triple Display	Triple Display
M.2	1x M.2 (B Key, 2242/3042/3052, PCIe 1 + USB 3.2 Gen2, Support 4G/5G Module)	1x M.2 (B Key, 2242/3042/3052, PCIe 1 + USB 3.2 Gen2, Support 4G or Module)
mSATA 1	x mSATA (shared by 1x Mini PCI Express)	1x mSATA (shared by 1x Mini PCI Express)
SIM Socket	2x External SIM socket	2x External SIM socket
SSD/HDD	1x Internal 2.5" SATA HDD Bay (support H=9.5 mm)	1x Internal 2.5" SATA HDD Bay (support H=9.5 mm)
Mini PCIe	1x Full-size Mini PCIe	1x Full-size Mini PCIe (Occupied by PoE Module)
Audio	1x Mic-in, 1x Line-out	1x Mic-in, 1x Line-out
CAN	2x CAN 2.0 A/B 2-pin Internal header	2x CAN 2.0 A/B 2-pin Internal header
COM	2x RS-232/422/485	2x RS-232/422/485
DIO	4 in / 4 out isolated	4 in / 4 out isolated
LAN	2x RJ45 (2.5 & 1 GbE)	2x RJ45 (2.5 & 1 GbE)
PoE	N/A	2x IEEE 802.3af (15.4W) GbE RJ45, Max up to 30w in total
USB	3x USB 3.2 Gen 2 (10 Gbps), 1x USB 2.0	3x USB 3.2 Gen 2 (10 Gbps), 1x USB 2.0
Others	5x WiFi Antenna Holes 1x Power Switch, 1x AT/ATX Switch, 1x Remote Power On/Off 1x Internal CMOS Battery Cable 1x 4-PIN FAN Connector	5x WiFi Antenna Holes 1x Power Switch, 1x AT/ATX Switch, 1x Remote Power On/Off 1x Internal CMOS Battery Cable 1x 4-PIN FAN Connector
Operating System	Windows 10 IoT Enterprise	Windows 10 IoT Enterprise
Power Adapter	Optional AC/DC 12V/5A, 60W	Optional AC/DC 24V 5A, 120W
Power Mode	AT, ATX	AT, ATX
Power Ignition Sensing	Adjustable power ignition management can be achieved through BIOS and optional daughter board.	Adjustable power ignition management can be achieved through BIOS and optional daughter board.
Power Supply Voltage	9~36VDC	9~36VDC
Power Connector	3-pin Terminal Block	3-pin Terminal Block
Power Protection	OVP (Over Voltage Protection), OCP (Over Current Protection), Reverse Protection	OVP (Over Voltage Protection); OCP (Over Current Protection), Reverse Protection
Operating Temp.	-40°C to 70°C	-40°C to 50°C
Storage Temp.	-40°C to 85°C	-40°C to 85°C
Relative Humidity	10% to 95% (non-condensing)	10% to 95% (non-condensing)
Certification	UL 62368 Ed. 3, CE, FCC Class A	CE, FCC Class A
Vibration	With SSD: 5 Grms, 5 - 500 Hz, 0.5 hr/axis, With HDD: 1 Grms, 5 - 500 Hz, 0.5 hr/axis	With SSD: 5 Grms, 5 - 500 Hz, 0.5 hr/axis, With HDD: 1 Grms, 5 - 500 Hz, 0.5 hr/axis
Shock	With SSD: 50G, half sine, 11ms	With SSD: 50G, half sine, 11ms
Dimensions	150 (W) x 105 (D) x 49 (H) mm	150 (W) x 105 (D) x 83 (H) mm
Weight	0.9 kg	1.2 kg
Construction	Extruded Aluminum with Heavy Duty Metal	Extruded Aluminum with Heavy Duty Metal
Mounting Options	Wall Mounting SIDE / VESA / DIN-Rail Mounting (Optional)	Wall Mounting, SIDE / VESA / DIN-Rail Mounting (Optional)

NOTE: THE SPECIFICATIONS ABOVE ARE FOR OUR STANDARD SYSTEMS. CUSTOM SYSTEMS ARE AVAILABLE. CALL FACTORY FOR DETAILS.

Part Number:	R9000	R9000E-AI
Processor	Support 10th Gen Intel® CML S Processor (LGA 1200, 35W TDP) - Intel® Xeon® W-1290TE, 10 Cores, 20MB Cache, up to 4.5 GHz - Intel® Core™ i9-10900TE, 10 Cores, 20MB Cache, up to 4.5 GHz - Intel® Core™ i7-10700TE, 8 Cores, 16MB cache, up to 4.4 GHz - Intel® Core™ i5-10500TE, 6 Core, 12MB Cache, 3.7 GHz - Intel® Core™ i3-10100TE, 4 Cores, 9MB Cache, up to 3.6 GHz	Support 10th Gen Intel® CML S Processor (LGA 1200, 35W TDP) - Intel® Xeon® W-1290TE, 10 Cores, 20MB Cache, up to 4.5 GHz - Intel® Core™ i9-10900TE, 10 Cores, 20MB Cache, up to 4.5 GHz - Intel® Core™ i7-10700TE, 8 Cores, 16MB cache, up to 4.4 GHz - Intel® Core™ i5-10500TE, 6 Core, 12MB Cache, 3.7 GHz - Intel® Core™ i3-10100TE, 4 Cores, 9MB Cache, up to 3.6 GHz
System Chipset	Intel® W480E Chipset	Intel® W480E Chipset
LAN Chipset	GbE1: Intel I219 (Support Wake-on-LAN and PXE), GbE2: Intel I210 (Support Wake-on-LAN and PXE)	GbE1: Intel I219 (Support Wake-on-LAN and PXE), GbE2: Intel I210 (Support Wake-on-LAN and PXE)
Audio Codec	Realtek ALC888S	Realtek ALC888S
System Memory	2x 260-Pin DDR4 2666 /2933MHz SODIMM. Max. up to 64GB (ECC and Non-ECC)	2x 260-Pin DDR4 2666 /2933MHz SODIMM. Max. up to 64GB (ECC and Non-ECC)
Graphics	Intel® UHD Graphics 630	Intel® UHD Graphics 630, NVIDIA RTX A2000 12GB
BIOS	AMI 256Mbit SPI BIOS	AMI 256Mbit SPI BIOS
Watchdog	Software Programmable Supports 1~255 sec. System Reset	Software Programmable Supports 1~255 sec. System Reset
TPM	TPM 2.0	TPM 2.0
Display Port	2x DisplayPort, support resolution 4096 x 2304, DP++	4x mDP, 2x DisplayPort, support resolution 4096 x 2304, DP++
DVI	1x DVI-I, support resolution 1920 x 1200	1x DVI-I, support resolution 1920 x 1200
VGA	Yes (by optional split cable)	Yes (by optional split cable)
SIM Socket	2x External SIM socket (Mini PCIE attached)	2x External SIM socket (Mini PCIE attached)
SSD/HDD	1x Internal 2.5" SATA/SSD HDD Bay (support H=9mm), 2x Removable 2.5" SATA HDD Bay (support H=7mm, Hot-swappable), Support RAID 0, 1, 5	1x Internal 2.5" SATA/SSD HDD Bay (support H=9mm), 2x Removable 2.5" SATA HDD Bay (support H=7mm,
M.2	1x M.2 (E Key, PCIe x1, USB 2.0, 2230)	1x M.2 (E Key, PCIe x1, USB 2.0, 2230)
Mini PCIE	2x Full-size Mini PCIE	2x Full-size Mini PCIE
Expansion Modules	Optional: 4-Port LAN/POE RJ45 10GbE with Intel X710 Chipset, Wifi / Bluetooth	Optional: 4-Port LAN/POE RJ45 10GbE with Intel X710 Chipset, Wifi / Bluetooth
Audio	1x Mic-in, 1x Line-out	1x Mic-in, 1x Line-out
CAN	2x CAN 2.0 A/B 2-pin Internal header	2x CAN 2.0 A/B 2-pin Internal header
COM	2x RS-232/422/485 ; 6x RS-232/422/485 (internal)	2x RS-232/422/485 ; 6x RS-232/422/485 (internal)
DIO	8 in / 8 out (Isolated)	8 in / 8 out (Isolated)
LAN	2x RJ45	2x RJ45
Universal I/O Bracket	2x Universal I/O Bracket (By mini PCIE interface)	2x Universal I/O Bracket (By mini PCIE interface)
USB	6x USB 3.2 Gen 2 (10 Gbps), 3x USB 3.2 Gen 1 (5 Gbps, 1x Internal), 2x USB 2.0 header (internal)	6x USB 3.2 Gen 2 (10 Gbps), 3x USB 3.2 Gen 1 (5 Gbps, 1x Internal), 2x USB 2.0 header (internal)
Others	5x WiFi Antenna Holes 1x Power Switch, 1x AT/ATX Switch, 1x Remote Power On/Off 1x PC/Car Mode Switch, 1x Delay Time Switch 1x Removable CMOS Battery 4x 4-Pin Power Connector, 1x 4-PIN FAN Connector	5x WiFi Antenna Holes 1x Power Switch, 1x AT/ATX Switch, 1x Remote Power On/Off 1x PC/Car Mode Switch, 1x Delay Time Switch 1x Removable CMOS Battery 4x 4-Pin Power Connector, 1x 4-PIN FAN Connector
Operating System	Windows 10 IoT Enterprise	Windows 10 IoT Enterprise
Power Adapter	Optional AC/DC 24V/5A, 120W, Optional AC/DC 24V/9.2A, 220W	Optional AC/DC 24V/5A, 120W, Optional AC/DC 24V/9.2A, 220W
Power Mode	AT, ATX	AT, ATX
Power Ignition Sensing	Power Ignition Management	Power Ignition Management
Power Supply Voltage	9~48VDC	9~48VDC
Power Connector	5-pin Terminal Block	5-pin Terminal Block
Power Protection	OVP (Over Voltage Protection), OCP (Over Current Protection), Reverse Protection	OVP (Over Voltage Protection), OCP (Over Current Protection), Reverse Protection
Operating Temperature	-25°C to 70°C (35W CPU)	-25°C to 70°C (35W CPU)
Storage Temperature	-30°C to 85°C	-30°C to 85°C
Relative Humidity	10% to 95% (non-condensing)	10% to 95% (non-condensing)
Certification	UL 62368 Ed. 3, CE, FCC Class A	UL 62368 Ed. 3, CE, FCC Class A
Vibration	With SSD: 5 Grms, 5 - 500 Hz, 0.5 hr/axis, With HDD: 1 Grms, 5 - 500 Hz, 0.5 hr/axis	With SSD: 5 Grms, 5 - 500 Hz, 0.5 hr/axis, With HDD: 1 Grms, 5 - 500 Hz, 0.5 hr/axis
Shock	With SSD: 50G, half sine, 11ms	SSD: 50G, half sine, 11ms
Dimensions	240 (W) x 261 (D) x 79 (H) mm	240 (W) x 261 (D) x 126.8 (H) mm
Weight	3.1~3.5 kg	5.6 kg
Construction	Extruded Aluminum with Heavy Duty Metal	Extruded Aluminum with Heavy Duty Metal
Mounting Options	Wall Mounting	Wall Mounting

SCB9000

SUPER CAPACITOR INDUSTRIAL BACKUP

Industrial Backup with 16x Industrial-Grade Supercapacitors

Features

- 16x Industrial 370 Farads Supercapacitors
- Up to 200W Max. Power Output
- 1x COM, 1x USB for GUI Remote Management and Monitoring
- 2 IN / 2 OUT DIO
- -25°C to 55°C Wide Operating Temperature
- EN50155: EN50121-3-2, CE, FCC Class A, UL Certification
- 3x Smart Modes with Remote On/Off, Ignition Control, Delay Time
- 12V/24V Compatibility: Industrial PCs, Panel PCs, Displays



SCB9000 Specifications

Input Connector	3-pin Terminal Block (V+, GND, IGN IN)	Others	1x Remote Power On/Off 1x Smart Mode Switch 1x Mode Reset Switch
Input Voltage	12 ~ 35 VDC	Operating Temperature	-25°C to 55°C
Output Connector	3-pin Terminal Block (V+, GND)	Storage Temperature	-30°C to 85°C
Output Power Max.	200W output	Relative Humidity	10% to 95% (non-condensing)
Output Voltage	Charge mode: DC IN Voltage bypass (DC OUT = DC IN)	Certification	CE, FCC Class A, UL 62368-1 Ed. 3 EMC Conformity with EN50155, EN50121-3-2
Discharge mode:	12V or 24V	Vibration	5 Grms, 5 - 500 Hz, 0.5 hr/axis
Charging Mode	Quick and Normal Charging	Shock	20G, half sine, 11ms
Power Ignition	Power Ignition Management	Dimensions	100 (W) x 192 (D) x 187.4 (H) mm
Power Protection	OVP (Over Voltage Protection), OCP (Over Current Protection), Reverse Protection	Weight	2.6 KG
COM	1x RS-232	Construction	Heavy Duty Metal
DIO	2 in / 2 out	Mounting Options	Wall Mounting, DIN Rail Mounting (Op- tional)
USB	1x USB Type A		

OKD Series

Industrial/Commercial
Outdoor Kiosk
Displays



OKD-43 Series

43" Outdoor Kiosk Display

Single or Double Sided



ORDERING INFORMATION	
Part Number	Description
OKD-43M	43" Outdoor Kiosk Display Single Sided with "Basic Monitor" Player Option
OKD-43PB	43" Outdoor Kiosk Display Single Sided with "Playback Version" Player Option
OKD-43AOS	43" Outdoor Kiosk Display Single Sided with "Android OS" Player Option
OKD-43WOS	43" Outdoor Kiosk Display Single Sided with "Windows PC" Player Option
OKD-43DDM	43" Outdoor Kiosk Display Double Sided with "Basic Monitor" Player Option
OKD-43DDPB	43" Outdoor Kiosk Display Double Sided with "Playback Version" Player Option
OKD-43DDAOS	43" Outdoor Kiosk Display Double Sided with "Android OS" Player Option
OKD-43DDWOS	43" Outdoor Kiosk Display Double Sided with "Windows PC" Player Option

Technical Data								
Player Options		①Basic Monitor	②Playback Version	③Android OS		④Windows PC		
Model No.		OKD-43M OKD-43DDM	OKD-43PB OKD-43DDPB	OKD-43AOS OKD-43DDAOS		OKD-43WOS OKD-43DDWOS		
Connect Ports		HDMI Input x 2	USB 2.0 x1	USB 2.0	x2	HDMI Port	x1	
			HDMI Input x1	HDMI Output	x1	VGA Port	x1	
						RJ-45 Port	x1	
		VGA Input x1	SD Card Slot x1	RJ45	x1	USB Ports	USB 2.0 portsx2, USB 3.0 portsx2	
				4G SIM (Optional)	x1	Audio I/O Ports (Line-out)	x1	
Connectivity		/	/	LAN	RJ45 Port	Ethernet LAN	1*RTL 811EL LAN	
				WIFI	Built-in WIFI 802.11B/G/N	WIFI	Built-in WIFI 802.11B/G/N	
				4G(Optional)	LTE			
Media Player Information		/	/	Processor	Rockchip RK3288 (Quad-core ARM Cortex-A17, 1.8GHz)	CPU	Intel® Core® Processor, Core i5-10400 (2.9GHz, 65W, L3: 12M, 6C rev.G-1)	
				RAM	2GB	Chipset	Intel® H510 Chipset	
				Flash	8GB	Memory	8GB RAM, 120GB SSD	
				Operating System	Android 7.1	Operating System	Win10, Win8, Win7, Linux System	
				Panel Specifications				
Panel model	43inch TFT LCD							
Max Resolution	1920x1080							
Aspect Ratio	16:09							
Pixel Pitch	0.4903×0.4903							
Viewing Angle	89/89/89/89							
Contrast Ratio	1200: 1							
Brightness	3000-4000cd/m							
Response Time	26ms							
Main Features								
1. IP65 grade metal enclosures.								
2. Ultra-thin design 127mm.								
3. Special and strong cooling system.								
4. 3500~4000cd/m² high brightness.								
5. -20~50℃ working temperature withheating stick.								
6. Power input AC 100-240V								
7. Freestanding version with black color.								
8. Supporting 24/7 operation.								
9. With CE/ROHS/FCC certifications.								
10. 12-month free warranty for neutral or OEM brand.								
Supported Media Formats								
Video	RMVB,FLV,MPEG1/2/4,AVI,DIVX,XDIV,WMV9,H.264,VC-1, MOV, MKV, MP4, TS, M2T							
Image	BMP/PNG/GIF/JPEG							
Audio	MP3,WMA,WAV,EAAC+,MP2 dec, Vorbis (Ogg), AC3, FLAC, APE, BSAC;							
Scrolling text	TXT							
Functions								
Rolling Subtitles	Display the subtitles at the bottom of screen with the video and picture,							
Power Memory	Support program replaying from the setting time before the power failure							
Split Screen	Support 1080p video, 1080p picture, picture, video and subtitles split-screen function.							
Software Update	Software update							
Display Mode	Support Portrait & Landscape display mode							
Play Mode	Repeat all, single repeat, order play							

OKD-55 Series

55" Outdoor Kiosk Display

Single or Double Sided



ORDERING INFORMATION	
Part Number	Description
OKD-55M	55" Outdoor Kiosk Display Single Sided with "Basic Monitor" Player Option
OKD-55PB	55" Outdoor Kiosk Display Single Sided with "Playback Version" Player Option
OKD-55AOS	55" Outdoor Kiosk Display Single Sided with "Android OS" Player Option
OKD-55WOS	55" Outdoor Kiosk Display Single Sided with "Windows PC" Player Option
OKD-55DDM	55" Outdoor Kiosk Display Double Sided with "Basic Monitor" Player Option
OKD-55DDPB	55" Outdoor Kiosk Display Double Sided with "Playback Version" Player Option
OKD-55DDAOS	55" Outdoor Kiosk Display Double Sided with "Android OS" Player Option
OKD-55DDWOS	55" Outdoor Kiosk Display Double Sided with "Windows PC" Player Option

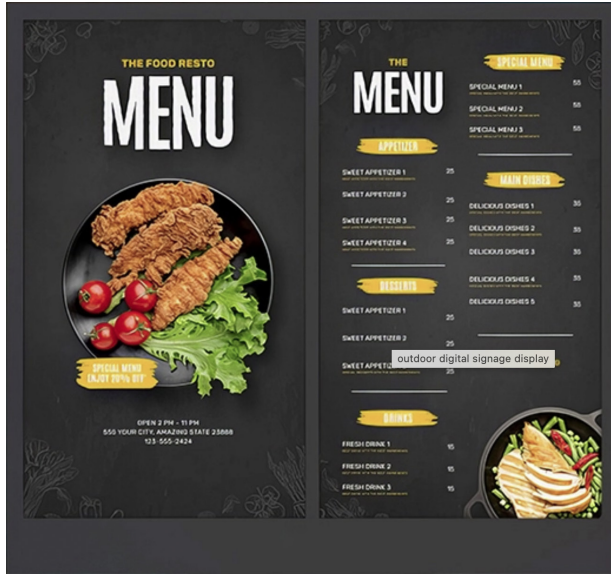
Technical Data						
Player Options		①Basic Monitor	②Playback Version	③Android OS		④Windows PC
Model No.		OKD-55M OKD-55DDM	OKD-55PB OKD-55DDPB	OKD-55AOS OKD-55DDAOS		OKD-55WOS OKD-55DDWOS
Connect Ports	HDMI Input x 2	USB 2.0 x1	USB 2.0	x2	HDMI Port	x1
			HDMI Output	x1	VGA Port	x1
				RJ-45 Port	x1	
	VGA Input x1	SD Card Slot x1	RJ45	x1	USB Ports	USB 2.0 portsx2, USB 3.0 portsx2
4G SIM (Optional)			x1	Audio I/O Ports (Line-out)	x1	
Connectivity	/	/	LAN	RJ45 Port	Ethernet LAN	1*RTL 811EL LAN
			WIFI	Built-in WIFI 802.11B/G/N	WIFI	Built-in WIFI 802.11B/G/N
			4G(Optional)	LTE		
Media Player Information	/	/	Processory	Rockchip RK3288 (Quad-core ARM Cortex-A17,1.8GHz)	CPU	Intel® Core® Processor, Core i5-10400 (2.9GHz, 65W, L3:12M, 6C rev.G-1)
			RAM	2GB	Chipset	Intel® H510 Chipset
			Flash	8GB	Memory	8GB RAM, 120GB SSD
			Operating System	Android 7.1	Operating System	Win10, Win8, Win7, Linux System
Panel Specifications						
Panel Model	55inch TFT LED					
Max Resolution	1920x1080					
Aspect Ratio	16:09					
Pixel Pitch	0.63*0.63					
Viewing Angle	89/89/89/89					
Contrast Ratio	1400: 1					
Brightness	3500~4000cd/m²					
Response Time	6ms					
Main Features						
1. IP65 grade metal enclosures.						
2. Ultra-thin design 127mm.						
3. Special and strong cooling system.						
4. 3000~4000cd/m² high brightness.						
5. -20~50℃ working temperature withheating stick.						
6. Power input AC 100-240V						
7. Freestanding version with black color.						
8. Supporting 24/7 operation.						
9. With CE/ROHS/FCC certifications.						
10. 12-month free warranty for neutral or OEM brand.						
Supported Media Formats						
Video	RMVB,FLV,MPEG1/2/4,AVI,DIVX,XDIV,WMV9,H.264,VC-1, MOV, MKV, MP4, TS, M2T					
Image	BMP/PNG/GIF/JPEG					
Audio	MP3,WMA,WAV,EAAC+,MP2 dec, Vorbis (Ogg), AC3, FLAC, APE, BSAC;					
Scrolling text	TXT					
Functions						
Rolling Subtitles	Display the subtitles at the bottom of screen with the video and picture,					
Power Memory	Support program replaying from the setting time before the power failure					
Split Screen	Support 1080p video, 1080p picture, picture, video and subtitles split-screen function.					
Software Update	Software update					
Display Mode	Support Portrait & Landscape display mode					
Play Mode	Repeat all, single repeat, order play					

OKD-55SBS

55" Side by Side

Outdoor Kiosk Display

Dual Displays Side By Side



ORDERING INFORMATION	
Part Number	Description
OKD-55SBS-M	Two 55" Outdoor Kiosk Displays: Side-By-Side configuration with "Basic Monitor" Player Option
OKD-55SBS-PB	Two 55" Outdoor Kiosk Displays: Side-By-Side configuration with "Playback Version" Player Option
OKD-55SBS-AOS	Two 55" Outdoor Kiosk Displays: Side-By-Side configuration with "Android OS" Player Option
OKD-55SBS-WOS	Two 55" Outdoor Kiosk Displays: Side-By-Side configuration with "Windows PC" Player Option

Technical Data						
Player Options	①Basic Monitor	②Playback Version	③Android OS		④Windows PC	
Model No.	OKD-55SBS-M	OKD-55SBS-PB	OKD-55SBS-AOS		OKD-55SBS-WOS	
Connect Ports	HDMI Input x 2	USB 2.0 x1	USB 2.0	x2	HDMI Port	x1
		HDMI Input x1	HDMI Output	x1	VGA Port	x1
					RJ-45 Port	x1
	VGA Input x1	SD Card Slot x1	RJ45	x1	USB Ports	USB 2.0 portsx2, USB 3.0 portsx2
			4G SIM (Optional)	x1	Audio I/O Ports (Line-out)	x1
Connectivity	/	/	LAN	RJ45 Port	Ethernet LAN	1*RTL 811EL LAN
			WIFI	Built-in WIFI 802.11B/G/N	WIFI	Built-in WIFI 802.11B/G/N
			4G(Optional)	LTE		
Media Player Information	/	/	Processory	Rockchip RK3288 (Quad-core ARM Cortex-A17,1.8GHz)	CPU	Intel® Core® Processor, Core i5-10400 (2.9GHz, 65W, L3:12M, 6C rev.G-1)
			RAM	2GB	Chipset	Intel® H510 Chipset
			Flash	8GB	Memory	8GB RAM, 120GB SSD
			Operating System	Android 7.1	Operating System	Win10, Win8, Win7, Linux System
Panel Specifications						
Panel Model	55inch TFT LED					
Max Resolution	1920x1080					
Aspect Ratio	16:09					
Pixel Pitch	0.63*0.63					
Viewing Angle	89/89/89/89					
Contrast Ratio	1400: 1					
Brightness	3500~4000cd/m²					
Response Time	6ms					
Main Features						
1. IP65 grade metal enclosures.						
2. Ultra-thin design 127mm.						
3. Special and strong cooling system.						
4. 3500~4000cd/m² high brightness.						
5. -20~50℃ working temperature with heating stick.						
6. Power input AC 100-240V						
7. Freestanding version with black color.						
8. Supporting 24/7 operation.						
9. With CE/ROHS/FCC certifications.						
10. 12-month free warranty for neutral or OEM brand.						
Supported Media Formats						
Video	RMVB,FLV,MPEG1/2/4,AVI,DIVX,XDIV,WMV9,H.264,VC-1, MOV, MKV, MP4, TS, M2T					
Image	BMP/PNG/GIF/JPEG					
Audio	MP3,WMA,WAV,EAAC+,MP2 dec, Vorbis (Ogg), AC3, FLAC, APE, BSAC;					
Scrolling text	TXT					
Functions						
Rolling Subtitles	Display the subtitles at the bottom of screen with the video and picture,					
Power Memory	Support program replaying from the setting time before the power failure					
Split Screen	Support 1080p video, 1080p picture, picture, video and subtitles split-screen function.					
Software Update	Software update					
Display Mode	Support Portrait & Landscape display mode					
Play Mode	Repeat all, single repeat, order play					

OKD-65 Series

65" Outdoor Kiosk Display

Single or Double Sided



ORDERING INFORMATION	
Part Number	Description
OKD-65M	65" Outdoor Kiosk Display Single Sided with "Basic Monitor" Player Option
OKD-65PB	65" Outdoor Kiosk Display Single Sided with "Playback Version" Player Option
OKD-65AOS	65" Outdoor Kiosk Display Single Sided with "Android OS" Player Option
OKD-65WOS	65" Outdoor Kiosk Display Single Sided with "Windows PC" Player Option
OKD-65DDM	65" Outdoor Kiosk Display Double Sided with "Basic Monitor" Player Option
OKD-65DDPB	65" Outdoor Kiosk Display Double Sided with "Playback Version" Player Option
OKD-65DDAOS	65" Outdoor Kiosk Display Double Sided with "Android OS" Player Option
OKD-65DDWOS	65" Outdoor Kiosk Display Double Sided with "Windows PC" Player Option

Technical Data							
Player Options		①Basic Monitor	②Playback Version	③Android OS		④Windows PC	
Model No.		OKD-65M OKD-65DDM	OKD-65PB OKD-65DDPB	OKD-65AOS OKD-65DDAOS		OKD-65WOS OKD-65DDWOS	
Connect Ports	HDMI Input x 2	USB 2.0 x1	USB 2.0	x2	HDMI Port	x1	
			HDMI Output	x1	VGA Port	x1	
		HDMI Input x1			RJ-45 Port	x1	
	VGA Input x1	SD Card Slot x1	RJ45	x1	USB Ports	USB 2.0 portsx2, USB 3.0 portsx2	
			4G SIM (Optional)	x1	Audio I/O Ports (Line-out)	x1	
Connectivity	/	/	LAN	RJ45 Port	Ethernet LAN	1*RTL 811EL LAN	
			WIFI	Built-in WIFI 802.11B/G/N	WIFI	Built-in WIFI 802.11B/G/N	
			4G(Optional)	LTE			
Media Player Information	/	/	Processory	Rockchip RK3288 (Quad-core ARM Cortex-A17, 1.8GHz)	CPU	Intel® Core® Processor, Core i5-10400 (2.9GHz, 65W, L3:12M, 6C rev.G-1)	
			RAM	2GB	Chipset	Intel® H510 Chipset	
			Flash	8GB	Memory	8GB RAM, 120GB SSD	
			Operating System	Android 7.1	Operating System	Win10, Win8, Win7, Linux System	
Panel Specifications							
Panel model	65 inch TFT LED						
Max Resolution	3840x2160						
Aspect Ratio	16:09						
Pixel Pitch	0.372x0.372						
Viewing Angle	89/89/89/89						
Contrast Ratio	1400:1						
Brightness	3000-4000cd/m						
Response Time	13ms						
Main Features							
1. IP65 grade metal enclosures.							
2. Ultra-thin design 127mm.							
3. Special and strong cooling system.							
4. 3000~4000cd/m² high brightness.							
5. -20~50℃ working temperature withheating stick.							
6. Power input AC 100-240V							
7. Freestanding version with black color.							
8. Supporting 24/7 operation.							
9. With CE/ROHS/FCC certifications.							
10. 12-month free warranty for neutral or OEM brand.							
Supported Media Formats							
Video	RMVB,FLV,MPEG1/2/4,AVI,DIVX,XDIV,WMV9,H.264,VC-1, MOV, MKV, MP4, TS, M2T						
Image	BMP/PNG/GIF/JPEG						
Audio	MP3,WMA,WAV,EAAC+,MP2 dec, Vorbis (Ogg), AC3, FLAC, APE, BSAC;						
Scrolling text	TXT						
Functions							
Rolling Subtitles	Display the subtitles at the bottom of screen with the video and picture,						
Power Memory	Support program replaying from the setting time before the power failure						
Split Screen	Support 1080p video, 1080p picture, picture, video and subtitles split-screen function.						
Software Update	Software update						
Display Mode	Support Portrait & Landscape display mode						
Play Mode	Repeat all, single repeat, order play						

OKD-75 Series

75" Outdoor Kiosk Display

Single or Double Sided



ORDERING INFORMATION	
Part Number	Description
OKD-55M	75" Outdoor Kiosk Display Single Sided with "Basic Monitor" Player Option
OKD-55PB	75" Outdoor Kiosk Display Single Sided with "Playback Version" Player Option
OKD-55AOS	75" Outdoor Kiosk Display Single Sided with "Android OS" Player Option
OKD-55WOS	75" Outdoor Kiosk Display Single Sided with "Windows PC" Player Option
OKD-55DDM	75" Outdoor Kiosk Display Double Sided with "Basic Monitor" Player Option
OKD-55DDPB	75" Outdoor Kiosk Display Double Sided with "Playback Version" Player Option
OKD-55DDAOS	75" Outdoor Kiosk Display Double Sided with "Android OS" Player Option
OKD-55DDWOS	75" Outdoor Kiosk Display Double Sided with "Windows PC" Player Option

Technical Data							
Player Options		①Basic Monitor	②Playback Version	③Android OS		④Windows PC	
Model No.		OKD-75M OKD-75DDM	OKD-75PB OKD-75DDPB	OKD-75AOS OKD-75DDAOS		OKD-75WOS OKD-75DDWOS	
Connect Ports		HDMI Input x 2	USB 2.0 x1	USB 2.0	x2	HDMI Port	x1
			HDMI Input x1	HDMI Output	x1	VGA Port	x1
						RJ-45 Port	x1
		VGA Input x1	SD Card Slot x1	RJ45	x1	USB Ports	USB 2.0 portsx2, USB 3.0 portsx
4G SIM (Optional)	x1			Audio I/O Ports (Line-out)	x1		
Connectivity		/	/	LAN	RJ45 Port	Ethernet LAN	1*RTL 811EL LAN
				WIFI	Built-in WIFI 802.11B/G/N	WIFI	Built-in WIFI 802.11B/G/N
				4G(Optional)	LTE		
Media Player Information		/	/	Processory	Rockchip RK3288 (Quad-core ARM Cortex-A17,1.8GHz)	CPU	Intel® Core® Processor, Core i5-10400 (2.9GHz, 65W, L3:12M, 6C rev.G-1)
				RAM	2GB	Chipset	Intel® H510 Chipset
				Flash	8GB	Memory	8GB RAM, 120GB SSD
				Operating System	Android 7.1	Operating System	Win10, Win8, Win7, Linux System
Panel Specifications							
Panel model		75 inch TFT LCD					
Max Resolution		3840x2160					
Aspect Ratio		16:09					
Pixel Pitch		0.429x0.429					
Viewing Angle		89/89/89/89					
Contrast Ratio		1200: 1					
Brightness		3000-4000cd/m					
Response Time		8ms					
Main Features							
1. IP65 grade metal enclosures.							
2. Ultra-thin design 127mm.							
3. Special and strong cooling system.							
4. 3000~4000cd/m² high brightness.							
5. -20~50℃ working temperature withheating stick.							
6. Power input AC 100-240V							
7. Freestanding version with black color.							
8. Supporting 24/7 operation.							
9. With CE/ROHS/FCC certifications.							
10. 12-month free warranty for neutral or OEM brand.							
Supported Media Formats							
Video		RMVB,FLV,MPEG1/2/4,AVI,DIVX,XDIV,WMV9,H.264,VC-1, MOV, MKV, MP4, TS, M2T					
Image		BMP/PNG/GIF/JPEG					
Audio		MP3,WMA,WAV,EAAC+,MP2 dec, Vorbis (Ogg), AC3, FLAC, APE, BSAC;					
Scrolling text		TXT					
Functions							
Rolling Subtitles		Display the subtitles at the bottom of screen with the video and picture,					
Power Memory		Support program replaying from the setting time before the power failure					
Split Screen		Support 1080p video, 1080p picture, picture, video and subtitles split-screen function.					
Software Update		Software update					
Display Mode		Support Portrait & Landscape display mode					
Play Mode		Repeat all, single repeat, order play					

OKD-86 Series

86" Outdoor Kiosk Display
Single or Double Sided



ORDERING INFORMATION

Part Number	Description
OKD-86M	86" Outdoor Kiosk Display Single Sided with "Basic Monitor" Player Option
OKD-86PB	86" Outdoor Kiosk Display Single Sided with "Playback Version" Player Option
OKD-86AOS	86" Outdoor Kiosk Display Single Sided with "Android OS" Player Option
OKD-86WOS	86" Outdoor Kiosk Display Single Sided with "Windows PC" Player Option
OKD-86DDM	86" Outdoor Kiosk Display Double Sided with "Basic Monitor" Player Option
OKD-86DDPB	86" Outdoor Kiosk Display Double Sided with "Playback Version" Player Option
OKD-86DDAOS	86" Outdoor Kiosk Display Double Sided with "Android OS" Player Option
OKD-86DDWOS	86" Outdoor Kiosk Display Double Sided with "Windows PC" Player Option

Technical Data

Player Options	①Basic Monitor	②Playback Version	③Android OS		④Windows PC	
Model No.	OKD-86M OKD-86DDM	OKD-86PB OKD-86DDPB	OKD-86AOS OKD-86DDAOS		OKD-86WOS OKD-86DDWOS	
Connect Ports	HDMI Input x 2	USB 2.0 x1	USB 2.0	x2	HDMI Port	x1
		HDMI Input x1	HDMI Output	x1	VGA Port	x1
	VGA Input x1	SD Card Slot x1	RJ45	x1	RJ-45 Port	x1
			4G SIM (Optional)	x1	USB Ports	USB 2.0 portsx2, USB 3.0 portsx1
Connectivity	/	/	LAN	RJ45 Port	Ethernet LAN	1*RTL 811EL LAN
			WIFI	Built-in WIFI 802.11B/G/N	WIFI	Built-in WIFI 802.11B/G/N
			4G(Optional)	LTE		
Media Player Information	/	/	Processory	Rockchip RK3288 (Quad-core ARM Cortex-A17,1.8GHz)	CPU	Intel® Core® Processor, Core i5-10400 (2.9GHz, 65W, L3:12M, 6C rev.G-1)
			RAM	2GB	Chipset	Intel® H510 Chipset
			Flash	8GB	Memory	8GB RAM, 120GB SSD
			Operating System	Android 7.1	Operating System	Win10, Win8, Win7, Linux System

Panel Specifications

Panel model	86inch TFT LCD
Max Resolution	3840x2160
Aspect Ratio	16:09
Pixel Pitch	0.4935x0.4935
Viewing Angle	89/89/89/89
Contrast Ratio	1200:1
Brightness	3000-4000cd/m
Response Time	8ms

Main Features

1. IP65 grade metal enclosures.
2. Ultra-thin design 127mm.
3. Special and strong cooling system.
4. 3000~4000cd/m² high brightness.
5. -20~50℃ working temperature with heating stick.
6. Power input AC 100-240V
7. Freestanding version with black color.
8. Supporting 24/7 operation.
9. With CE/ROHS/FCC certifications.
10. 12-month free warranty for neutral or OEM brand.

Supported Media Formats

Video	RMVB, FLV, MPEG1/2/4, AVI, DIVX, XDIV, WMV9, H.264, VC-1, MOV, MKV, MP4, TS, M2T
Image	BMP/PNG/GIF/JPEG
Audio	MP3, WMA, WAV, AAC+, MP2 dec, Vorbis (Ogg), AC3, FLAC, APE, BSAC;
Scrolling text	TXT

Functions

Rolling Subtitles	Display the subtitles at the bottom of screen with the video and picture,
Power Memory	Support program replaying from the setting time before the power failure
Split Screen	Support 1080p video, 1080p picture, picture, video and subtitles split-screen function.
Software Update	Software update
Display Mode	Support Portrait & Landscape display mode
Play Mode	Repeat all, single repeat, order play

Trackballs & Keyboards

Type Approved and Non Type Approved



Seatronx is proud to be a distributor for NSI. NSI is the waterproof keyboard & waterproof trackball specialist delivering reliable solutions for demanding industrial, marine, medical, kiosk, food and military applications.

Illuminated trackballs make operation easy in any lighting condition. Our marine pointing devices include: waterproof trackballs, ECDIS trackballs, IEC 60945 trackballs, IP68 scroll wheel, laser trackballs and many other options and configurations.

Whatever your requirements, whatever your application, NSI wants to make sure our products will provide you the highest level of control and accuracy. Besides a large range of standard products, our dedicated team of development engineers enables NSI to deliver optimum custom products fulfilling your exact requirements.

Main trackball features

- Most extended range of trackballs
- ECDIS trackballs
- IEC 60945 trackballs
- Unique IP68 trackball solutions
- Opto-mechanical trackballs, up to IP65 sealing
- Laser-optical trackballs, IP68 sealing
- Panel mount or enclosed standard versions
- Highly robust, vandal-proof and all metal construction
- Halo backlit trackball with PWM dimming & RGB control
- Trackballs with glass panel & touch keys
- Trackballs with scroll wheel to improved ease of use
- Military grade products
- Easy customization

INDUSTRIAL KEYBOARDS		TYPENUMBER	FORMAT	BACKLIT	SEALING
	Handheld, no pointer	KBM36F1yyy	panel mount	no	IP65
		KBM36S1yyy	desktop	no	IP65
	38mm IP68 ball	KBMT26F1yyy	panel mount	no	IP65
		KBMT26S1yyy	desktop	no	IP65
	38mm ball	KBMT106Fxxyyy	panel mount	no	IP65
		KBMT106Sxxyyy	desktop	no	IP65
	touchpad	KBSP106Fxxyyy	panel mount	no	IP65
		KBSP106Sxxyyy	desktop	no	IP67
	no pointer	KSM103Bxxyyy-WLED	panel mount / bezel	yes	IP67
		KSM103Sxxyyy-WLED	desktop	yes	IP67
	ergonomical trackball	KSME103BxxUSB-WLED	panel mount / bezel	yes	IP67
		KSME103SxxUSB-WLED	desktop	yes	IP67
	38mm ball	KSML38F1yyy-WLED	panel mount	yes	IP65
		KSML38S1yyy-WLED	desktop	yes	IP65
	50mm IP68 ball	KSML92Fxxyyy-WLED	panel mount	yes	IP67
		KSML92Sxxyyy-WLED	desktop	yes	IP67
	50mm ball	KSML106Bxxyyy-WLED	panel mount / bezel	yes	IP65
		KSML106Fxxyyy-WLED	panel mount	yes	IP65
		KSML106Sxxyyy-WLED	desktop	yes	IP65
	50mm IP68 ball	KSMX106Bxxyyy-WLED	panel mount / bezel	yes	IP67
		KSMX106Fxxyyy-WLED	panel mount	yes	IP67
		KSMX106Sxxyyy-WLED	desktop	yes	IP67

Country layouts : US (US), Cyrillic Russian (RU), Belgian (BE), French (FR), Spanish (SP), Italian (IT), UK (UK), Danish (DK), Swedish (S), Norwegian (NO), German (DE), Korean (KO), Turkish (TR)

INDUSTRIAL KEYBOARDS		TYPENUMBER	FORMAT	BACKLIT	SEALING
	no pointer	KST102Fxxvvy	panel mount	no	IP67
		KST102Sxxvvy	desktop	no	IP67
	25mm ball	KSTC36F1vvy	panel mount	no	IP65
		KSTC36S1vvy	desktop	no	IP65
	50mm IP68 ball	KSTL105Bxxvvy	panel mount / bezel	no	IP67
		KSTL105Fxxvvy	panel mount	no	IP67
		KSTL105Sxxvvy	desktop	no	IP65
	food keyboard, trackball	KSTM105RVS00xxUSB	Steel desktop	no	IP65
	food keyboard, touchpad	KSTP105RVS00xxUSB	Steel desktop	no	IP65
	touchpad	KSTP105Bxxvvy	panel mount / bezel	no	IP67
		KSTP105Fxxvvy	panel mount	no	IP67
		KSTP105Sxxvvy	desktop	no	IP65
	rubber, 25 mm ball	RKCT92FxxUSB	panel mount	no	IP67
		RKCT92FxxUSB-WLED	panel mount	yes	IP67
		RKCT92SxxUSB	desktop	no	IP67
		RKCT92SxxUSB-WLED	desktop	yes	IP67
	rubber, mousebutton	RKMB105SxxUSB	desktop	no	IP65
		RKMB105SxxUSB-WLED	desktop	yes	IP65
		RKMB105VxxUSB	desktop, VESA	no	IP65
		RKMB105VxxUSB-WLED	desktop, VESA	yes	IP65
		RKTE85B00xx	panel mount / bezel	no	IP67
		RKTE85B00xx-WLED	panel mount / bezel	yes	IP67
		RKTE85S00xx	desktop	no	IP67
		RKTE85S00xx-WLED	desktop	yes	IP67

Country layouts : US (US), Cyrillic Russian (RU), Belgian (BE), French (FR), Spanish (SP), Italian (IT), UK (UK), Danish (DK), Swedish (S), Norwegian (NO), German (DE), Korean (KO), Turkish (TR)



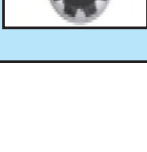
Explosion Proof & Anti-Corrosion Cameras

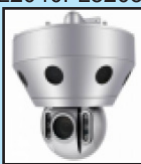
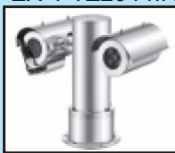


Explosion Proof & Anti-Corrosion Camera systems for hazardous areas and harsh environments. They are made of Stainless Steel material and suitable for a variety of applications both on shore and offshore. Applications include: Oil&Gas, Marine ,Wind ,Chemical and many other industries where quality and durability are a prerequisite.

Explosion Proof & Anti-Corrosion Camera Systems

Part Number:	Description :
KDM-EX-FL204IR01 (T) 	2MP Explosion Proof Anti-Corroison WDR Fixed IR Camera
KDM-EX-FL436IR01 (D) 	4MP Explosion Proof Anti-Corroison Fixed WDR Camera
KDM-EX-FL204IR01 (H) 	2MP Explosion Proof Anti-Corrosion Fixed IR Camera
KDM-EX-FL204IR02 (U) 	2MP Explosion Proof Anti-Corroison IR Fixed WDR Network Camera
KDM-EX-FL204IR02 (T) 	2MP Explosion Proof Anti-Corroison WDR Fixed IRCamera
KDM-EX-FL204IR03 (T) 	Explosion Proof Anti-Corrosion Fixed Super Mini Camera
KDM-EX-FL204IR03 (S) 	2MP Explosion Proof Anti-Corrosion Super Mini Fixed IR Camera

Part Number:	Description :
KDM-EX-FL21704 	Explosion Proof Anti-Corrosion Fixed Mini Dome Super Wide View Camera
KDQ-EX-FL204IR 	2MP Explosion Proof Anti-Corrosion WDR HD IR Fixed Dome Network Camera
KDW-EX-VL204IRW02(H) 	Explosion Proof Anti-Corrosion Fixed WDR HD IR Camera with wiper
KDH-EX-VL230IRW01 	2MP 30X Explosion Proof Anti-Corrosion Fixed IR Camera with wiper
KDH-EX-VL220IR01C 	2MP 20X Explosion Proof Anti-corrosion Crane Damping Starlight IR Camera
KDH-EX-VLM4828IR 	4x8MP Ex-Proof Anti-Corrosion Multi-Sensor Panoramic Bullet Starlight IR Network Camera
KDQ-EX-VLM452812IR 	4 × 5MP Ex-Proof Anti-Corrosion Multi-Sensor No-Splicing Panoramic Starlight WDR IR Dome Network Camera

Part Number:	Description :
KDQ-EX-PTZ2030IRW01 	2MP 30X Explosion Proof Anti-Corrosion PTZ Camera (IP Type)
KDQ-EX-PTZ203002 	2MP 30X Explosion Proof Anti-Corrosion WDR PTZ Dome Camera
KDQ-EX-PTZ2012IR04 	2MP 12X Explosion Proof Anti-Corrosion Mini PTZ IR Dome Camera
KDQ-EX-VL2040FL8205IR 	2MP 40X Optical zoom 8PCs Fixed Lens Ex-Proof Anti-Corrosion IR Panoramic PTZ Dome Camera
KDY-EX-PTZ2044IRW01 	2MP 44X Explosion-proof IR PTZ Star light WDR Camera
KDY-EX-PTZ2030IR02 	2MP 30X Explosion-proof Anti-Corrosion IR PTZ Camera

Explosion Proof & Anti-Corrosion Camera Systems

continued

Part Number:	Description :
KDY-EX-PTZ2044IRW01T625 	Explosion-proof Anti-Corrosion PTZ Dual light Thermal Camera
KDY-EX-PTZ2044IRW01P 	2MP 44X Explosion Proof Anti-Corrosion PTZ IR Camera with washer
KDQ-UDC-D120Z 	PT2MP 20X Underwater HD Network PTZ Dome Camera
KDH-UDC-IF2010X 	300Meters 2MP 10X Under water Bullet Vari-focal HD Camera
KDT01(02) 	2MP 20 X High Temperature CC TV Camera
KDY-PTZ4035N-6T2575 	10km Long Range 4MP 35x Optical Zoom 640x512 25-75mm Motorized Lens 12um IVS Thermal PTZ Camera

Part Number:	Description :
KDH-UDC-SZ10X 	17.3 Inch Stainless Steel Explosion Proof LCD Display Monitor
NVR304-X Series 	Network Video Recorder
UTP7524GE-POE-4GF 	24 Gigabit PoE Ports Managed Ethernet Switch
Mini Sub-PC 	Mini Sub-PC
EX101LDP-T/R 	Long Distance PoE Extenders
CAT6A Cable 	Shipboard Data Communication CAT6A Cable