



AMW Series

Mobile Operator Terminal Mobile Workstation







Creating a Truly Mobile Pharmaceutical Workstation

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Arista has solved the problem with the introduction of a truly mobile workstation series - the AMW Series, an advanced, wireless, mobile system that is powered by a high capacity heavy-duty battery allowing the mobile workstation to function seamlessly and in an uninterrupted fashion while in motion from point A to point B. That's full functionality throughout the process without the need for hard-wired access to power and communication sources. The Arista AMW Series has an internal heavy duty, long-lasting battery that makes it completely mobile with no cables to be disconnected, managed, and reconnected and with no break in any live and/or critical connections to reestablish, saving time and significantly increasing workplace productivity.

Optional Barcode Scanner

When it comes to large support systems like workstations, the ability to move the tool from one place to another maximizes its utility and reduces equipment redundancy. In addition, using mobile workstations enables rapid and easy reorganization of the work environment and process flow for more flexible management. However, the problem with most mobile workstations is that that they aren't truly "mobile." While they can be moved around from one place in a facility to another, they can't be used while in motion. They must be plugged into a power source at each location and wired for communication. Each time, all power and signal cables must be disconnected, rolled, and stowed, and then put away or transported with the units and then reconnected.

Optional Barcode Label Printer



Optional 1024 Ah Lithium Battery

A truly mobile, completely enclosed functional solution like the AMW Series is highly useful and successful in many different parts of the pharmaceutical processing and manufacturing operations, but its sealed nature lends itself very well to the cleanroom area of the operations. Here, the workstation demonstrates its exceptional utility as it can function seamlessly from point to point in a clean area without integrity compromises caused by connecting and reconnecting the system, along with potential micro-particle contamination from connector degradation. Another advantage of using Wi-Fi to link the workstation to the facility is that today most advanced facilities have Wi-Fi-based system backbones connected to legacy subsystems, allowing the workstation to directly communicate with and gather/share information with the facility server.

Arista's AMW Series mobile workstation is equipped with advanced 802.11a/b/g/n industrial wireless communication that provides flexible, plantwide communications with SCADA, DCS systems, machines, databases, on the plant floor and connecting to a secure, unified, easyto-manage industrial-wireless network to cut operating and maintenance costs while increasing productivity and output.

3 Keyboard Options



Optional 1024 Ah Lithium Battery



SS316L enclosure meets NEMA4X requirement

All components of AMW are enclosed in SS316L stainless steel enclosure to meet wash-down and highest sensitization requirements. 316L grade stainless steel is often specified in Pharmaceutical installations in order to prevent excessive metallic contamination. 316L grade stainless steel is also significantly more resistant to heat in comparison to 304. The addition of Molybdenum makes 316L stainless steel stronger and more durable, capable of withstanding higher levels of corrosion and the affects of chemicals such as chlorides (found in salt, seawater, sweat, etc.) and sulphuric acid.

Future-proof touch screen

AMW Series incorporates Projected Capacitive touchscreen to support multi-touch HMI/SCADA automation applications. In addition, multitouch enables other common touch functionalities, such as tap and swipe, are needed so that the user can page through screens, lists, directories, and such. Some of these gestures are already recognized by the operating system and can be easily incorporated into the HMI. Multi-touch can provide the following two advantages:

Innovative operating concepts

Multi-Touch allows the use of innovative operating concepts. For example, confusing menu structures can be replaced by freely configured scrollable toolbars (docks). To optimally serve each operator with relevantly defined information, it is possible to create individual process screens in Runtime, per drag & drop.

Increased operating safety

Make reduced training time and fewer error rates possible due to more intuitive handling. Operators with minimal experience can handle projects with optimum usability and operating safety. In addition, Multi-Touch offers features such as two hand operation. Here, specific actions can only be carried out by using two hands. This avoids unwanted actions from occurring and ensures both hands are on the touch panel during use.

High capacity heavy-duty battery

AMW Series has the option to include 1024 Ah lithium battery. This high capacity is capable to support more than 24 hours continuous operation (based on configuration for single 21" LCD and ThinManager ready thin client). This lithium battery is maintenance free and up to 4,000 charge and discharge cycles (equivalent to >10 years of 24/7 operation before replacing battery). The lithium battery has dramatic improvements in cycle life and charge efficiency combined with zero maintenance requirements providing the end user with significant cost of ownership savings.



Display Angle Adjustment

LCD displays have a limited viewing angle. They lose contrast and become hard to read at some viewing angles and they have more contrast and are easier to read at others. AMW-1521AX provides 40 degree of adjustable angle of the display to obtain the best viewing angle for the user who operates the mobile workstation.

Multiple Keyboard Options

AMW-1521AX provides multiple keyboard options, KB-115A which uses membrane keypads and touch pad for easy cleaning to meet hygiene requirements. KB-115B and KB-115C use silicone-rubber keypads are naturally waterproof and dust proof. The ultra-durable silicone-rubber keypads will prevent the intrusion of moisture, dust, and micro-particles, protecting the respective device from damage. This makes them a popular choice in busy commercial settings such as factories where moisture and dust run rampant. The silicone-rubber keypads offer an exceptional level of comfort, featuring soft and smooth keys that are enjoyable to press. Most people will agree that silicone-rubber keypads are significantly more comfortable to press and use than plastic.



Customization to integrate Scanner holder and RFID

AWM-1521AX can have integrated RFID Reader to support the use of RFID cards for user authentication in both dedicated and shared mobile workstations. When the operation needs to share a mobile workstation between multiple users, users can log on, lock, and unlock the access of the use of the mobile workstation. With of RFID cards user authentication, there are no more auto-login or always open sessions. Users share login on a same PC but they do not share password ...

Multiple base options & Mobility Reader

Like all models of Arista's mobile workstation, AMW-1521AX provides optional WIFI and optional Battery to make AMW-1521AX a truly mobile workstation. Based on operating hours requirement, AMW-1521AX has two base options to contain 1024 A/h or a base with battery.

3 Keyboard Options

Reshapes the status quo by delivering an entirely new operational experience



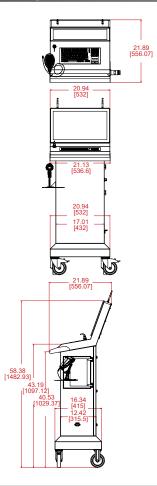
most human-machine interfaces (HMIs) today are designed by exposing an increasing level of detail as you navigate or drill down into the plant's units, subunits, and details. Arista's AMW-2318AX enables operator who is responsible for operating multiple process units to view 3 levels simultaneously on the move. Each LCD screen provides a process unit level overview (level 1 graphics, level 2 graphics and level 3 graphics). AMW-2318AX is an advanced, truly mobile triple LCD displays workstation powered by a high capacity heavy-duty battery allowing the DCS workstation to function seamlessly and in an uninterrupted fashion while in motion from point A to point B. AMW-2318AX allows operator to be mobile and view real-time process data, historical trends, and alarms from multiple DCS systems and other key data sources. AMW-2318AX reshapes the status quo by delivering an entirely new operational experience and empowering your team to improve operations performance and safety by having the plant wherever it goes – virtually anywhere.



AMW-1121AX Iobile Operator Terminal Mobile Workstation

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Specifications	AMW-1121AX-E01	AMW-1121AX-H01				
LCD Display						
Display Size (Diagonal)	21.5 inch	21.5 inch				
Resolution	1920 x 1080	1920 x 1080				
Backlight Lifetime (Hours)	50,000 hours	50,000 hours				
Visual Characteristics						
Colors	16.7 million	16.7 million				
Aspect ratio	16:9	16:9				
Viewing angle (V/H)	178° / 178°	178° / 178°				
Response time (Typical)	14 ms	14 ms				
Pixel Pitch (mm)	0.248 x 0.248	0.248 x 0.248				
Contrast ratio	1000 : 1	1000 : 1				
Brightness	250 nits	250 nits				
Touch Screen						
Technology	Projected Capacitive	Projected Capacitive				
Touch rating	50 million touches	50 million touches				
MTBF	N/A	N/A				
Interface	USB	USB				
System						
CPU	Intel E3845 1.91GHz Quad Core ATOM CPU	Intel 6th Gen Skylake-U CPU				
Chipset	Bay Trail	Skylake-U				
Memory	Up to 8GB DDR3 SO-DIMM	Up to 16GB DDR4 SO-DIMM				
Video Controller	Intel Gen7 Graphics DX 11,	Intel® HD Graphics 520				
External Video Output	OGL3.2	N/A				
Storage Option	2.5" HDD, 2.5" SSD, CFast Card	2.5" HDD, 2.5" SSD, CFast Card				
Compact Flash	N/A	N/A				
Keyboard	Membrane or Silicon Ruber Keyboard	Membrane or Silicon Ruber Keyboard				
Mouse	Pointing Device or Touch Pad	Pointing Device or Touch Pad				
Audio	N/A	N/A				
Watchdog Timer	Programmable 1 - 255 sec	Programmable 1 - 255 sec				
Remote Boot	ThinManager Ready, PXE	N/A				
Expansion Slot	N/A	N/A				
I/O Communication						
USB Port	2 x USB 2.0 (1x Internal and 1x External)	2 x USB 2.0 (1x Internal and 1x External)				
Serial Port	N/A	N/A				
IEEE 1394	N/A	N/A				
LAN / WIFI	WIFI	WIFI				
Parallel	N/A	N/A				
GPIO	N/A	N/A				
Smart Battery						
Internal Battery	Optional 1024 W/h Lithium Battery	Optional 1024 W/h Lithium Battery				
OS Support						
OS Support	Windows 7 & Up,	Windows 10				
Power / Thermal Specs						
Power Requirement (Max)	110VAC~220VAC	110VAC~220VAC				
Power Consumption (Average)						
Recommended Power Supply	Included	Included				
Heat Dissipation (Aveage)						
Physical Information						
Mounting						
Net Weight						
Physical Dimension (W x H x D)	20.94 x 58.38 x 21.89 inch 532.0 x 1482.9 x 556.1 mm	20.94 x 58.38 x 21.89 inch 532.0 x 1482.9 x 556.1 mm				
Environmental						
Operating Temperature	0~35°C (32~95°F)	0~35°C (32~95°F)				
Storage Temperature	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)				
Relative Humidity	0~95%	0~95%				
IP/NEMA Rating	Meets NEMA 4X / IP65	Meets NEMA 4X / IP65				





AMW-1321AX Mobile Operator Terminal Mobile Workstation

Specifications	AMW-1321AX-E01	AMW-1321AX-H01				
LCD Display						
Display Size (Diagonal)	21.5 inch	21.5 inch				
Resolution	1920 x 1080	1920 x 1080				
Backlight Lifetime (Hours)	50,000 hours	50,000 hours				
Visual Characteristics						
Colors	16.7 million	16.7 million				
Aspect ratio	16:9	16:9				
Viewing angle (V/H)	178° / 178°	178° / 178°				
Response time (Typical)	14 ms	14 ms				
Pixel Pitch (mm)	0.248 x 0.248	0.248 x 0.248				
Contrast ratio	1000 : 1	1000 : 1				
Brightness	250 nits	250 nits				
Touch Screen						
Technology	Projected Capacitive	Projected Capacitive				
Touch rating	50 million touches	50 million touches				
MTBF	N/A	N/A				
Interface	USB	USB				
System						
CPU	Intel E3845 1.91GHz Quad	Intel 6th Con Skulake II CDI				
	Core ATOM CPU	Intel 6th Gen Skylake-U CPU				
Chipset	Bay Trail	Skylake-U				
Memory	Up to 8GB DDR3 SO-DIMM	Up to 16GB DDR4 SO-DIMM				
Video Controller	Intel Gen7 Graphics DX 11, OGL3.2	Intel® HD Graphics 520				
External Video Output	N/A 2.5" HDD, 2.5" SSD,	N/A 2.5" HDD, 2.5" SSD,				
Storage Option	CFast Card	CFast Card				
Compact Flash	N/A	N/A				
Keyboard	Membrane or Silicon Ruber Keyboard	Membrane or Silicon Ruber Keyboard				
Mouse	Pointing Device or Touch Pad	Pointing Device or Touch Pad				
Audio	N/A	N/A				
Watchdog Timer	Programmable 1 - 255 sec	Programmable 1 - 255 sec				
Remote Boot	ThinManager Ready, PXE	N/A				
Expansion Slot	N/A	N/A				
I/O Communication						
USB Port	2 x USB 2.0	2 x USB 2.0				
Serial Port	N/A	N/A				
IEEE 1394	N/A					
LAN / WIFI	LAN or WIFI	LAN or WIFI				
Parallel	N/A	N/A				
GPIO	N/A	N/A				
Smart Battery Internal Battery	Optional 1024 W/h Lithium	Optional 1024 W/h Lithium				
	Battery	Battery				
OS Support	Windows 7.8 up	Windows 10				
OS Support	Windows 7 & up	Windows 10				
Power / Thermal Specs	440)/// 0. 000)/// 0	1101/40 2001/40				
Power Requirement (Max)	110VAC~220VAC	110VAC~220VAC				
Power Consumption (Average)	In sheet at	In shade d				
Recommended Power Supply	Included	Included				
Heat Dissipation (Average)						
Physical Information						
Mounting						
Net Weight	24.09 x 64.30 x 18.19 inch	24.09 x 64.30 x 18.19 inch				
Physical Dimension (W x H x D)	612.0 x 1633.1 x 462.0 mm	612.0 x 1633.1 x 462.0 mm				
Environmental						
Operating Temperature	0~35°C (32~95°F)	0~35°C (32~95°F)				
Storage Temperature	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)				
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Relative Humidity IP/NEMA Rating	0~95% Meets NEMA 4X / IP65	0~95% Meets NEMA 4X / IP65				



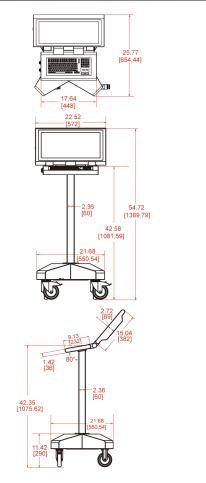
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AMW-1521AX Iobile Operator Terminal Mobile Workstation

Specifications	AMW-1521AX-E01	AMW-1521AX-H01					
LCD Display							
Display Size (Diagonal)	21.5 inch	21.5 inch					
Resolution	1920 x 1080	1920 x 1080					
Backlight Lifetime (Hours)	50,000 hours	50,000 hours					
Visual Characteristics							
Colors	16.7 million	16.7 million					
Aspect ratio	16:9	16:9					
Viewing angle (V/H)	178° / 178°	178° / 178°					
Response time (Typical)	14 ms	14 ms					
Pixel Pitch (mm)	0.248 x 0.248	0.248x 0.248					
Contrast ratio	1000:1	1000 : 1					
Brightness	250 nits	250 nits					
Touch Screen							
Technology	Projected Capacitive	Projected Capacitive					
Touch rating	50 million touches	50 million touches					
MTBF Interface	N/A USB	N/A USB					
	058	056					
System	Intel E3845 1.91GHz Quad						
CPU	Core ATOM CPU	Intel 6th Gen Skylake-U CPU					
Chipset	Bay Trail	Skylake-U					
Memory	Up to 8GB DDR3 SO-DIMM	Up to 16GB DDR4 SO-DIMM					
Video Controller	Intel Gen7 Graphics DX 11,	Intel® HD Graphics 520					
	OGL3.2						
External Video Output							
Storage Option	2.5" HDD, 2.5" SSD, CFast Card	2.5" HDD, 2.5" SSD, CFast Card					
Compact Flash	N/A	N/A					
Keyboard	Membrane or Silicon Ruber	Membrane or Silicon Ruber					
	Keyboard	Keyboard					
Mouse	Pointing Device or Touch Pad	Pointing Device or Touch Pad					
Audio	N/A	N/A					
Watchdog Timer	Programmable 1 - 255 sec	Programmable 1 - 255 sec					
Remote Boot	ThinManager Ready, PXE	N/A					
Expansion Slot	N/A	N/A					
I/O Communication							
USB Port	2 x USB 2.0	2 x USB 2.0					
Serial Port	N/A	N/A					
IEEE 1394	N/A	N/A					
LAN / WIFI	LAN or WIFI (* Noted 1)	LAN or WIFI					
Parallel	N/A	N/A					
GPIO	N/A	N/A					
Base Cabinet Options							
Storm Trooper	Optional 1024 W/h Lithium Battery	Optional 1024 W/h Lithium Battery					
Star Trooper	No Battery, AC 110~220V Input	No Battery, AC 110~220V Input					
OS Support		<u> </u>					
OS Support	Windowo 7.8 Llp	Windows 10					
	Windows 7 & Up	Windows To					
Power / Thermal Specs	110)/// 0. 220)/// 0	110\/AC 220\/AC					
Power Requirement (Max)	110VAC~220VAC	110VAC~220VAC					
Power Consumption (Average)	Included	Included					
Recommended Power Supply Heat Dissipation (Average)	Included	Included					
Physical Information							
Mounting							
Net Weight							
	22.52 x 54.7 x 25.77 inch	22.52 x 54.7 x 25.77 inch					
Physical Dimension (W x H x D)	572.0 x 1389.8 x 654.4 mm	572.0 x 1389.8 x 654.4 mm					
Environmental							
Operating Temperature	0~35°C (32~95°F)	0~35°C (32~95°F)					
	. /						
Storage Temperature	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)					
	-20~60°C (-4~140°F) 0~95%	-20~60°C (-4~140°F) 0~95%					

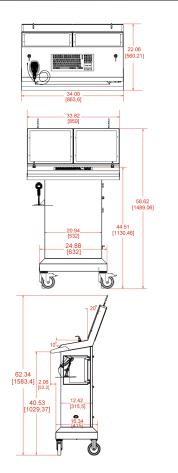




AMW-2219AX Mobile Operator Terminal Mobile Workstation

Specifications	AMW-2219AX-E01	AMW-2219AX-H01				
LCD Display						
Display Size (Diagonal)	Two 19" LCD Display	Two 19" LCD Display				
Resolution	1280 x 1024	1280 x 1024				
Backlight Lifetime (Hours)	50,000 hours	50,000 hours				
Visual Characteristics						
Colors	16.7 million	16.7 million				
Aspect ratio	5:4	5:4				
Viewing angle (V/H)	160° / 170°	160° / 170°				
Response time (Typical)	30 ms	30 ms				
Pixel Pitch (mm)	0.294 x 0.294	0.294 x 0.294				
Contrast ratio	1000 : 1	1000 : 1				
Brightness	450 nits	450 nits				
Touch Screen						
Technology	Projected Capacitive	Projected Capacitive				
Touch rating	50 million touches	50 million touches				
MTBF	N/A	N/A				
Interface	USB	USB				
System						
CPU	Intel E3845 1.91GHz Quad Core ATOM CPU	Intel 6th Gen Skylake-U CPU				
Chipset	Bay Trail	Skylake-U				
Memory	Up to 8GB DDR3 SO-DIMM	Up to 16GB DDR4 SO-DIMM				
Video Controller	Intel Gen7 Graphics DX 11, OGL3.2	Intel® HD Graphics 520				
External Video Output	N/A	N/A				
Storage Option	2.5" HDD, 2.5" SSD, CFast Card	2.5" HDD, 2.5" SSD, CFast Card				
Compact Flash	N/A	N/A				
Keyboard	Membrane or Silicon Ruber Keyboard	Membrane or Silicon Ruber Keyboard				
Mouse	Pointing Device or Touch Pad	Pointing Device or Touch Pad				
Audio	N/A	N/A				
Watchdog Timer	Programmable 1 - 255 sec	Programmable 1 - 255 sec				
Remote Boot	ThinManager Ready, PXE	N/A				
Expansion Slot	N/A	N/A				
I/O Communication						
USB Port	2 x USB 2.0 (1x Internal and 1x External)	2 x USB 2.0 (1x Internal and 1x External)				
Serial Port	N/A	N/A				
IEEE 1394	N/A	N/A				
LAN / WIFI	WIFI	WIFI				
Parallel	N/A	N/A				
GPIO	N/A	N/A				
Smart Battery						
Internal Battery	Optional 1024 W/h Lithium Battery	Optional 1024 W/h Lithium Battery				
OS Support						
OS Support	Windows 7 & Up	Windows 10				
Power / Thermal Specs						
Power Requirement (Max) Power Consumption (Average)	110VAC~220VAC	110VAC~220VAC				
Recommended Power Supply	Included	Included				
Heat Dissipation (Average)	mondueu	moldueu				
Physical Information						
Mounting						
Ŭ						
Net Weight Physical Dimension (W x H x D)	33.82 x 62.34 x 22.06 inch	33.82 x 62.34 x 22.06 inch				
, , , , , , , , , , , , , , , , , , ,	859 x 1583.4 x 560.2 mm	859 x 1583.4 x 560.2 mm				
Environmental		0-25°C (22, 05°E)				
Operating Temperature	0~35°C (32~95°F)	0~35°C (32~95°F)				
Storage Temperature	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)				
Relative Humidity	0~95%	0~95%				
IP/NEMA Rating	Meets NEMA 4X / IP65	Meets NEMA 4X / IP65				





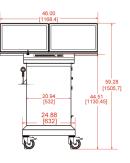


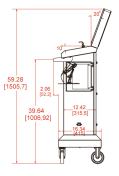
AMW-2224AX Mobile Operator Terminal Mobile Workstation

Crecifications		AMW 2224AV H04					
Specifications LCD Display	AMW-2224AX-E01	AMW-2224AX-H01					
Display Size (Diagonal)	Two 24" LCD Display	Two 24" LCD Display					
Resolution	1920 x 1080	1920 x 1080					
Backlight Lifetime (Hours)	50,000 hours	50.000 hours					
Visual Characteristics	50,000 Hours	50,000 Hours					
Colors	16.7 million	16.7 million					
Aspect ratio	16:9	16:9					
Viewing angle (V/H)	160° / 170°	160° / 170°					
Response time (Typical)	25 ms	25 ms					
Pixel Pitch (mm)	0.276 x 0.276	0.276 x 0.276					
Contrast ratio	5000 : 1	5000 : 1					
Brightness	250 nits	250 nits					
Touch Screen	200 mili	200 milio					
Technology	Projected Capacitive	Projected Capacitive					
Touch rating	50 million touches	50 million touches					
MTBF	N/A	N/A					
Interface	USB	USB					
System		000					
CPU	Intel E3845 1.91GHz Quad Core ATOM CPU	Intel 6th Gen Skylake-U CPU					
Chipset	Bay Trail	Skvlake-U					
Memory	Up to 8GB DDR3 SO-DIMM	Up to 16GB DDR4 SO-DIMM					
Video Controller	Intel Gen7 Graphics DX 11, OGL3.2	Intel® HD Graphics 520					
External Video Output	N/A	N/A					
Storage Option	2.5" HDD, 2.5" SSD, CFast Card	2.5" HDD, 2.5" SSD, CFast Card					
Compact Flash	N/A	N/A					
Keyboard	Membrane or Silicon Ruber Keyboard	Membrane or Silicon Ruber Keyboard					
Mouse	Pointing Device or Touch Pad	Pointing Device or Touch Pad					
Audio	N/A	N/A					
Watchdog Timer	Programmable 1 - 255 sec	Programmable 1 - 255 sec					
Remote Boot	ThinManager Ready, PXE	N/A					
Expansion Slot	N/A	N/A					
I/O Communication							
USB Port	2 x USB 2.0 (1x Internal and 1x External)	2 x USB 2.0 (1x Internal and 1x External)					
Serial Port	N/A	N/A					
IEEE 1394	N/A	N/A					
LAN / WIFI	WIFI	WIFI					
Parallel	N/A	N/A					
GPIO	N/A	N/A					
Smart Battery							
Internal Battery	Optional 1024 W/h Lithium Battery	Optional 1024 W/h Lithium Battery					
OS Support							
OS Support	Windows 7 & Up	Windows 10					
Power / Thermal Specs							
Power Requirement (Max)	110VAC~220VAC	110VAC~220VAC					
Power Consumption (Max)							
Recommended Power Supply	Included	Included					
Heat Dissipation							
Physical Information							
Mounting							
Net Weight							
Physical Dimension (W x H x D)	46.0 x 59.28 x 22.24 inch 1168.4 x 1505.7 x 564.9 mm	46.0 x 59.28 x 22.24 inch 1168.4 x 1505.7 x 564.9 mm					
Environmental							
Operating Temperature	0~35°C (32~95°F)	0~35°C (32~95°F)					
Storage Temperature	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)					
Relative Humidity	0~95%	0~95%					
IP/NEMA Rating	Meets NEMA 4X / IP65	Meets NEMA 4X / IP65					









Keyboard Options Mobile Operator Terminal Mobile Workstation



KB-115A

Membrane Keys Touch Pad

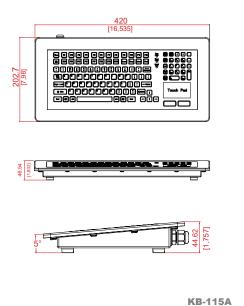


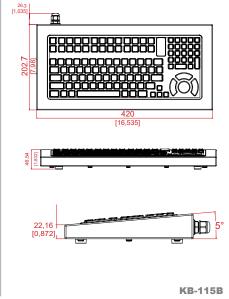
KB-115B

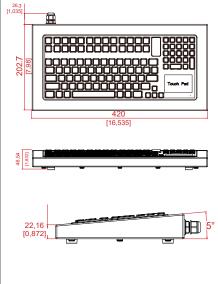
Silicon Ruber Keys Pointing Device

KB-115C

Silicon Ruber Keys Touch Pad







KB-115C

Specifications	KB-115A	KB-115B	KB-115C
Кеу	104 Key with Touch Pad	104 Key with Pointing Device	104 Key with Touch Pad
Supply Voltage	5V DC +/- 5%	5V DC +/- 5%	5V DC +/- 5%
Current Rating	30mA	30mA	30mA
Interface	USB(Standard Order). PS/2 (Special Order)	USB	USB
Cable Length	2.5m	2.5m	2.5m
Operating Temp	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)
Storage Temp	-30~70°C (-22~158°F)	-30~70°C (-22~158°F)	-30~70°C (-22~158°F)
Operating RH	100%	100%	100%
Protection Level	IP68	IP68	IP68
MTBF	>50000H	>50000H	>50000H
Net Weight	11 Lbs / 5 Kg	8 Lbs / 4 Kg	8 Lbs / 4 Kg
Physical Dimension (W x H x D)	16.54 x 1.76 x 7.98 inch 420.0 x 44.6 x 202.7 mm	16.54 x 1.83 x 7.98 inch 420.0 x 46.5 x 202.7 mm	16.54 x 1.83 x 7.98 inch 420.0 x 46.5 x 202.7 mm
Mounting	Bench Top	Bench Top	Bench Top



Operator Terminal Mobile Workstation



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