

Austco ARK-1 Nurse Call Appliance

Features and Benefits

First of its kind

- The first Nurse Call Appliance available on the market.

Ruggedized for greater uptime

- Built specifically for 24/7 mission critical operations in extreme conditions of temperature, humidity and dust while providing a high level of reliability, robustness and performance. Use of all industrial grade components and fanless design, the ARK-1 has been engineered for reliability in harsh environments.

High Reliability and seamless Redundancy

- The ARK-1 offers high availability and a long lifecycle, making it perfect for healthcare environments requiring complete reliability and high performance.
- Austco's ARK-1 is fully scalable and has the ability to perform as a primary and secondary node, providing full redundancy capabilities and reduced downtime.

Availability

January 1, 2018



Compared to traditional Nurse Call Systems utilizing consumer grade equipment, which typically offer 3 year or less product lifecycles, the Austco ARK-1 Nurse Call Appliance offers a guaranteed 5-year product lifecycle. Industrial grade Nurse Call systems need to operate reliably for a long period of time in harsh environments, including extreme temperatures, areas of electromagnetic interference (EMI), vibration, dirt, moisture and corrosion. It is important that operations personnel purchase equipment specifically designed for these harsher environments and high availability. While traditional commercial solutions are ideal for low-reliability enterprise applications, they may not necessarily be designed to withstand severe conditions as those found in most healthcare environments.

With its small form-factor, the ARK-1 is ideal for facilities with limited server space which do not want to sacrifice performance or durability. The ARK-1 can be rack or wall-mounted, is developed to Austco R&D specifications and is fully supported by Austco.

Austco's newly released ARK-1 will supersede legacy ACS-110 hardware.

Specifications

Processor System	CPU	Intel i5-4300U Dual Core
Power Requirement	Power Input Voltage	12 VDC (includes AC adaptor)
Mechanical	Construction	Aluminum housing
	Mounting	Wall Mounting (standard), Rack Mount Kit available (optional)
	Dimensions (W x H x D)	223 x 46.6 x 133.0 mm (8.69" x 1.81" x 5.18")
Environment	Operating Temperature	With extended temperature SSD/mSATA/RAM :-20 ~ 55° C with 0.7m/s air flow
	Storage Temperature	-40 ~ 85° C (-40 ~ 185° F)
	Relative Humidity	95% @ 40° C (non-condensing)
	Vibration During Operation	With mSATA/SSD: 3 Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis
	Shock During Operation	With mSATA/SSD: 30G, IEC 60068-2-27, half sine, 11 ms duration
Regulation	EMC	CE/FCC Class A, CCC, BSMI
	Safety	UL, CCC, BSMI, CB
Graphics	VGA	Up to 1920 x 1200 at 60 Hz

High Performance Industrial Computing

Featuring an advanced industrial grade design incorporating a 2.7 GHz (Dual Core) Intel Core i5, 8GB DDR3, 32GB of SLC NAND Storage encased in an aluminum housing, the entire system is CB, UL, CCC, BSMI, and CE/FCC Class A rated with added protection from shock, vibration, water and dust, making the ARK-1 the ideal system ensuring patient safety in a wide range of environments requiring uninterrupted operation.



Product Code

IP-ARK-1

Description

Appliance

Order Options

IP-ARK-1-RACK - Rack mount enclosure sold separately.

Please contact your local Austco Representative for more details.