TAS12AA-AS2 / TAS12PAA-AS2

Intelligent Admission Pedestals

The TAS12AA-AS2 and TAS12PAA-AS2 intelligent admission pedestals provide barrier-free access control at entertainment and leisure facilities. Both models are designed for use in applications where there is interaction between an attendant and guest during the entry process. Example applications include areas where multiple guests enter under a single credential, where guests are assigned season pass credentials or other applications where both the guest and attendant screens are utilized in the entry process. The TAS12PAA-AS2 includes an integrated high-speed kiosk printer (in the entry direction) that can print tickets, seat locator slips or receipts right at the gate.



TYPICAL INSTALLATION SITES

- Stadiums
- Arenas
- Theme Parks
- Other Leisure Facilities

COMMON APPLICATIONS

- Entertainment Facility Attendant Assisted Access Control
- Where Multiple Guests Can Enter Under a Single Credential
- Printing During the Entry Process

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FUNCTION

Alvarado offers seven intelligent admission pedestal models that provide barrier-free access control and are ideal for use in locations where floor space is limited.

Our intelligent pedestals are reliable, compact and easy for guests and attendants to use. The product design of our equipment is modular, providing an upgrade path for facilities as technology requirements and needs change.

There are two ways to integrate to Alvarado's intelligent pedestals. First, like all of Alvarado's intelligent admission devices, our TAS12 series models integrate seamlessly to Alvarado's powerful entertainment facility access control software, GateLink10. Venues or customers with an existing (non-Alvarado) access control system may also integrate directly with Alvarado's *DirectConnect API*.

MODELS

TAS12AA-AS2

The TAS12AA-AS2 comes with two intelligent controllers, two independent color touchscreen displays and two 1D/2D barcode imagers that quickly scan printed, digital and wristband barcodes. The rear touchscreen is used by the attendant to provide operator assistance functions. Other media readers such as RFID/NFC and magnetic stripe can be added.

TAS12PAA-AS2

The TAS12PAA-AS2 has all the same features as the TAS12AA-AS2, plus an integrated high-speed kiosk style printer.

OTHER AVAILABLE MODELS

Alvarado offers seven pedestal models:

	IntraQ	AS1	AS2	P-AS1	P-AS2	AA-AS2	PAA-AS2
							
Guest Facing Display for Entry	✓	✓	✓	✓	✓	✓	✓
Second Guest Facing Display for Exit	–	⊕	✓	⊕	✓	✓	✓
Guest Facing Display and Attendant Facing Display	–	⊕	⊕	⊕	⊕	✓	✓
Integrated High-Speed Printer	–	⊕	⊕	✓	✓	⊕	✓

✓ Included ⊕ Factory prepped for future upgrade – Cannot be upgraded

Additional information about other models can be found on our website, in our Sports and Entertainment Access Control Solutions Catalog and in other Descriptive Specifications.

SCAN HEAD COMPONENTS

There are two scan head assemblies per pedestal. Each scan head assembly is a #304 stainless steel housing containing the components listed below. The scan head assembly attaches securely to the top of the pedestal. Included components are:

ACCESS CONTROLLER AND TFT DISPLAY WITH TOUCHSCREEN

Each scan head contains an access controller and a 5.7" (diagonal) touchscreen color display housed in a diecast bezel. In the case of the Alvarado's TAS12AA-AS2 and TAS12PAA-AS2 pedestals, the two scan head controllers are internally connected. This allows the guest facing display and attendant facing display to interact. The front guest facing display provides visual instructions to the guest. The rear attendant facing display allows the attendant to provide assisted functions such as processing group tickets, enrolling season pass holders or awarding rewards or entitlements.

The access controllers communicate to Alvarado's GateLink10 access control software via wired or wireless TCP/IP. The access controller also controls pedestal functionality and provides offline validation if communication to the access control server is not possible. Offline transactions are stored and automatically uploaded to the host when communication is restored.

BARCODE SCANNER

A 1D/2D barcode scanner is internally mounted. The scanner quickly reads both printed and digital barcodes.

INTERNAL SPEAKER

Audible sounds (.wav files) are typically used to notify patrons and attendants of the validity of the presented credentials. Sounds are user configurable and are uploaded to one or all devices from a server utility.

PEDESTAL COMPONENTS

POST

The pedestal post is a 3" OD tube made from 7-gauge stainless steel with a 5.5" diameter anchoring flange. The post comes with a matching base cover which conceals the anchoring flange and installation bolts to provide a clean, finished look.

ENCLOSURE

The pedestal enclosure is fabricated from 16-gauge stainless steel. The enclosure houses the waterproof low voltage power supply and cabling.

PRINTER (TAS12PAA-AS2 ONLY)

The TAS12PAA-AS2 includes an integrated high-speed kiosk style receipt printer which is typically used to print seat locator slips, receipts and reward coupons. The printer, a Zebra Model 403, has a maximum print speed of 6" per second.

OPERATION AND INTERFACE

OPERATING MODES

The TAS12AA-AS2 and TAS12PAA-AS2 are used in the following operational modes:

Patron Self-Validation

Patron is instructed by screen prompts to scan their credential which is validated by the access control system. If the presented credential is valid, the pedestal plays the associated "valid" sound file and instructs the patron to enter. Lights in the rear of the scan head provide notification of the presented credential status for attendants.

Attendant Assisted Entry Applications

The guest and attendant TFT color displays are internally connected, which allows the guest facing color display to provide visual instructions for guests, while the rear-facing attendant touchscreen allows the attendant to provide assisted functionality as part of the entry process. Examples include processing group tickets, providing season pass enrollment or verification or awarding rewards or entitlements.



Screen prompts can be customized by the venue.

If a TAS12PAA-AS2 is used and printing is associated with the presented credential, an associated seat locator, receipt or coupon can be printed during the entry process.



Attendant Operation and Diagnostics

Logging in via the touchscreen display provides attendants access to various functions, such as information-only ticket lookups, overrides and manual credential input. A diagnostic/configuration menu, also accessed through the touchscreen, allows authorized personnel to make configuration changes and test product functionality.

Interface to Access Control System

The TAS12 series pedestal models interface to Alvarado's entertainment facility access control system, GateLink10. Customers with an existing access control system can integrate directly to TAS12 series pedestals following Alvarado's *DirectConnect API* command structure. In either case, communication is via wired or wireless TCP/IP.

TAS12 series pedestals provide various methods of offline validation in the event that communication between the pedestals and access control system is interrupted.

Using Alvarado's GateLink10



Using Alvarado's *DirectConnect API*



AVAILABLE FINISHES

STAINLESS STEEL

The post, enclosure, lid and scan heads are fabricated from #304 stainless steel polished to a #4 satin finish.

POWDER COATED

The post and printer housing (TAS12PAA-AS2 only) are powder coated. The stainless steel enclosure, lid and scan head are not powder coated. Powder coating is available in a variety of colors.

OPTIONS

ALTERNATIVE MEDIA READERS

Other media readers such as an NFC/RFID reader or magnetic stripe reader can be added to the pedestal. NFC/RFID readers are typically installed on the underside of the lid with the read area covered by cast acrylic. This allows credentials to be validated by holding the credential over the reader.

PORTABLE

AC Powered Portable	The pedestal is attached to a black powder coated baseplate. An AC plug is provided to power the pedestal. Wireless communication only.
Battery Powered Portable	The pedestal is attached to a black powder coated baseplate. A lithium ion battery pack attached to the backside of the post powers the pedestal. Wireless communication only.

VINYL COVER

Vinyl covers are available to protect units when not in use.

WIRELESS COMMUNICATION

Wi-Fi communication (802.11a,b/n).

SHIPPING AND SITE PREPARATION

SHIPPING

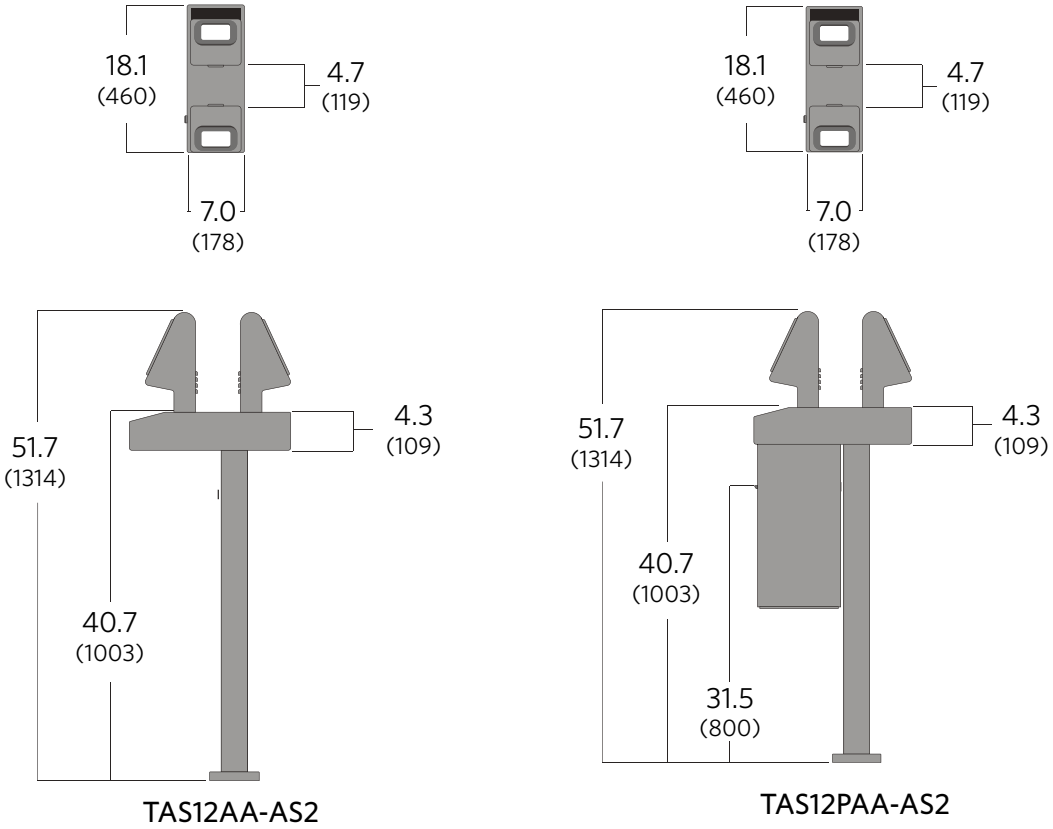
The pedestals are shipped assembled. The scan head assemblies are shipped separately and are attached to the pedestal during the installation process.

SITE PREPARATION

Fixed mounted pedestals must be installed on a firm foundation in a manner that allows the power and communication cabling to be pulled into the unit. The recommended slab platform should be a minimum of 4″ deep, level concrete. Concrete anchors, bolts and washers are included with each pedestal. A skilled installer following Alvarado's directions and instructions should perform installation. Detailed drawings and installation manuals are available online.

TECHNICAL DIMENSIONS

Dimensions are shown in inches (mm). All measurements are approximate.



Electrical	Description	
UL Rated Power Supply	110-120 VAC, 60 Hz or 220-240 VAC, 50 Hz (optional)	
Power Requirements	Maximum power consumption is 28W per pedestal (TAS12AA-AS2) or 112W per pedestal (TAS12PAA-AS2).	
Operational Voltage	Primary power is stepped down and rectified for low voltage 12VDC and 5VDC operation (TAS12AA-AS2) or low voltage 24VDC, 12VDC and 5VDC operation (TAS12PAA-AS2).	
On/Off Switch	A recessed on/off switch is provided at each pedestal.	
Fuse Protection	Pedestals are fuse protected.	
Surge Protection	Alvarado suggests use of surge protection equipment in connection with the installation to protect electronics.	
Weights and Environmental		
Product Weight	63 lbs. TAS12AA-AS2; 89 lbs. TAS12PAA-AS2	29 kg; 40 kg
Shipping Weight	195 lbs. TAS12AA-AS2; 220 lbs. TAS12PAA-AS2	88 kg; 100 kg Shipping Crate(s) Included
Operating Temperature*	15° to 122° F	-10° to 50° C
Storage Temperature	-30° to 160° F	-34° to 70° C

*Recommended installation environment for TAS12 series pedestals is indoors or outdoors. If outdoors, in a covered location out of direct weather.

WARRANTY

For a period of one year from the date of purchase, Alvarado will replace or repair, at Alvarado's option, any products or parts which are defective in materials or workmanship, provided recommended installation and maintenance procedures are followed. This warranty is void if damage is due to improper installation, maintenance or use. This warranty is limited to parts only, and does not cover labor or shipping charges incurred in connection with the removal or replacement of warranted products or parts.

This warranty is expressly made in lieu of any and all other warranties, expressed or implied, including, but not limited to implied warranties of merchantability and fitness for a particular purpose. Alvarado shall not be liable for any loss or damage, directly or indirectly, arising from the use of purchased products. In no event shall Alvarado be liable to buyer for consequential damages, special damages, incidental damages, loss of use, business interruption, loss of profits, or damages of any kind arising out of the use or inability to use a purchased product. In no event shall Alvarado be liable for damages which exceed the purchase price of a covered product.