TAS12-AS1

ALVARADO
protecting assets and controlling the flow of people

DESCRIPTIVE SPECIFICATIONS



The TAS12-AS1 is an intelligent admission station that integrates a 1D/2D barcode scanner, color TFT display with touchscreen, built-in speaker and an advanced controller that communicates with Alvarado server applications via wired or wireless TCP/IP. The device is attached to a fixed pedestal and is used for both patron self-validation and attendant assisted entry applications.

COMMON APPLICATIONS

- Employee and Visitor Access Control
- Time & Attendance Integration

TYPICAL INSTALLATION SITES

- Government Facilities
- Corporate Lobbies
- Entertainment Venues

FUNCTION

The TAS12-AS1 intelligent admission station is used to control entry at general admission and reserved seat facilities. Typical application uses include family and disabled entry areas, patron self-validation, or when there is extensive patron/attendant interaction during the entry process.

The TAS12-AS1 admission station can be used indoors, or outdoors in a covered environment. Barcoded credentials are presented to the bar code scanner. After receiving a response from the gate control application, the admission station communicates the status of the presented credential through user-defined screen graphics and audio sounds. Through the addition of an optional relay, the admission station can activate (unlock) an adjacent turnstile or gate.

The TAS12-AS1 operates in conjunction with one of Alvarado's two server based admission control software applications.

GateLink 10 - A complete entertainment facility admission control application, suitable for use at stadiums, arenas and entertainment venues such as zoos and theme parks. GateLink is installed in 100's of venues around the world and has been used to validate nearly one billion tickets.

GateConnect - An application that allows a third-party access control system to receive and send data to/from Alvarado intelligent admission devices.

AVAILABLE CONFIGURATIONS

TAS12-AS1

- **TAS12**
  - Advanced controller
  - Internal 1D/2D barcode scanner
  - Color TFT display with touchscreen
  - Rear-facing attendant notification lights
  - Internal speaker with custom audio
  - Wired TCP/IP communication
- **Fixed pedestal**

TAS12-AS2

- **TAS12 (screens facing both patron and attendant)**
  - Advanced controller
  - Dual Internal 1D/2D barcode scanners
  - Dual Color TFT displays with touchscreen
  - Internal speakers with custom audio
  - Wired TCP/IP communication
- **Fixed pedestal**

Main Options (see Options page)

- Alternate media readers (magnetic stripe, NFC, RFID, fingerprint etc)
- Wireless communication (Wi-Fi)
- Relay for access device (turnstile/gate) activation

TAS12-AS1 COMPONENTS & FUNCTIONALITY

BARCODE SCANNER

A 1D/2D barcode scanner is internally-mounted within the TAS12-AS1. The scanner reads both printed and digital barcodes. Alternate media readers, such as NFC, RFID or fingerprint, can be integrated (see Options).

TFT DISPLAY WITH TOUCHSCREEN

A 5.7" (diagonal) touchscreen color display is protected by a powdercoated, die cast bezel. The bright display (700 nit) is visible in sunlight and has an 85°C temperature rating. User definable graphics notify patrons of credential status. Advertisements can also be displayed. Graphics are easily changed using an Alvarado server utility.

ATTENDANT NOTIFICATION LIGHTS

Bright LED notification lights are flush mounted in the back of the TAS12-AS1. They are user configurable and typically set to function in the following manner:

Yellow - An illuminated yellow LED indicates that a flagged credential has been validated, such as a child ticket.

Green - An illuminated green LED indicates that a valid credential has been presented.

Red - An illuminated red LED indicates that an invalid credential has been presented.

Red (flashing) - A flashing red LED indicates a network communication error (offline).



INTERNAL SPEAKER WITH CUSTOM AUDIO

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

OPERATION & INTERFACE

OPERATING MODES

The TAS12-AS1 can be used in the following venue-configurable operational modes:

Patron Self-Validation - Patrons present bar code credentials to the device. The presented credential is validated and instructions to the patron are provided through user definable graphics and sounds. Lights in the rear of the device provide notification to an attendant of the status of the presented credential.

Attendant Assistance - The touchscreen can be used by an attendant for various functions such as log-in, entry override, media lookup or manual credential input. Custom touchscreen functionality, for either patrons or attendants, can be developed by Alvarado.



TAS12 screen prompts can be customized by the venue.

INTERFACE TO SERVER APPLICATIONS

The TAS12-AS1's advanced controller communicates in real-time with Alvarado server-based admission software, either GateLink10 or GateConnect. Communication to Alvarado server applications is via wired or wireless TCP/IP (see Options).

ON-SCREEN DIAGNOSTIC TOOLS

On-screen diagnostics are provided to test product functionality.

MAIN OPTIONS

ALTERNATE MEDIA READING

Additional devices, such as fingerprint, RFID or magnetic stripe readers may be utilized. Contact Alvarado for information.

WIRELESS COMMUNICATION

A water-resistant, wireless antenna provides communication to the facility wirless network. Wireless communication is 802.11b-g.

PRINTER COMMUNICATION

TAS12-AS1 can communicate with specific printers for ticket, receipt or coupon printing. Contact Alvarado for information

RELAY BOARD

Allows activation (unlocking) of turnstiles and gates. Contact Alvarado for information.

ALTERNATE POWER SUPPLY

A 220-240 VAC, 50 Hz power supply is utilized.

POWDER COATED FINISHES

TAS12-AS1 cabinet and post can be powder coated.

VINYL COVERS

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

TYPICAL CONFIGURATION



MATERIALS & FINISHES

The outer skin and post of the TAS12-AS1 is fabricated from stainless steel polished to a #4 satin finish. The touchscreen frame is die cast aluminum with a gray powder coat finish.

SHIPPING & SITE PREPARATION

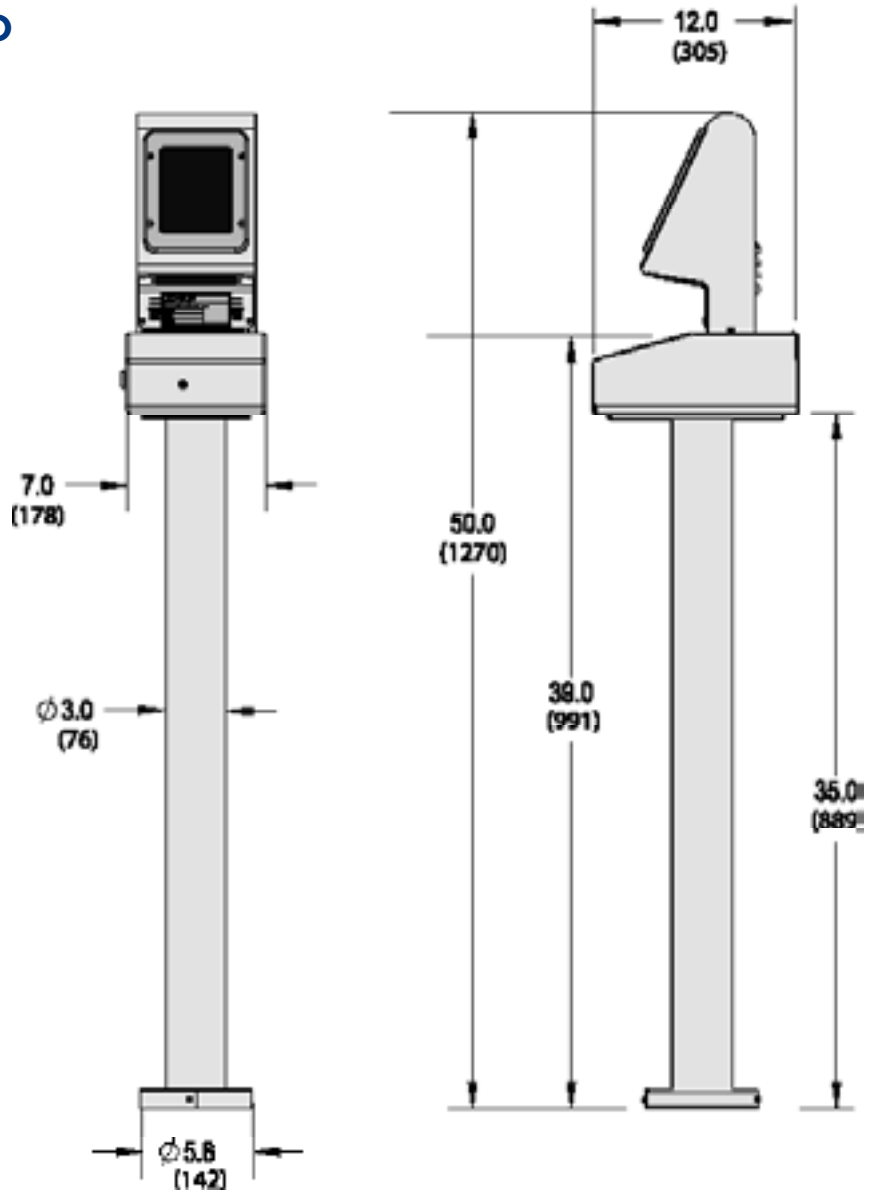
SHIPPING

TAS12-AS1 ships in easy to assemble sub-assemblies. All assembly hardware is included.

INSTALLATION

Installation should be performed by a skilled installer following Alvarado's instructions. Detailed drawings and installation manuals are available.

TECHNICAL DIMENSIO



Dimensions are shown in inches (mm)

ELECTRICAL - TAS12-AS1	
	DESCRIPTION
POWER SUPPLY	110-120VAC, 60 Hz or 220-240VAC, 50 Hz (optional)
POWER REQUIREMENTS	Maximum power consumption is 15W per unit.
OPERATIONAL VOLTAGE	12 VDC and 5 VDC operation.

WEIGHT, DIMENSIONS, ENVIRONMENT		
	STANDARD	METRIC
PRODUCT WEIGHT	65 lbs.	30kg
SHIPPING WEIGHT*	115 lbs.	53kg * Includes weight of shipping crate.
HEIGHT	50”	1270mm
WIDTH	7”	178mm
DEPTH	12”	305mm
OPERATING TEMP. RANGE**	-15° to 122° F	-10° to 50° C

** TAS12-AS1 units are engineered to operate in an outdoor, covered, environment.

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.