AT700AS 7.0" Color AlphaTouch® IP Door Entry Station

AT700AS 7.0" COLOR ALPHATOUCH® IP DOOR ENTRY STATION

The elegant Alpha Communications® AT700AS AlphaTouch® series hands free type 7.0" touchscreen IP color door entry stations provide the most advanced video-intercom system available, for any size building, with any number of monitors, door stations, and remote cameras. The AT700AS is a SIP-enabled device for multi-functional communications. At the core of the AT700AS is a 7.0" capacitive touchscreen and intuitive Android v.5.1.1 operating system.

These attractive stations come with a Surface wall housing, but can be flush mounted using the model# AT700FH Flush Housing. When required, the AT700AS can also be used with the optional model# AT700AH rain hood/sun shield (for surface mount door stations only). Due to its advanced design and TCP/IP protocol, the AT700AS does not require any servers, power supplies, switchers, boosters, video distributors, and requires simply a LAN connection and the PoE switch(es).

All AT700AS stations feature a crystal clear 7.0" color TFT LCD capacitive touchscreen monitor (measured diagonally), electronic call signaling, enhanced echo-cancellation duplex type hands-free voice with door release capability and other functions based on the unit's firmware.

The AT700AS is a sleek, stylish station of superior quality, manufactured in anodized aluminum. Its multi-channel capability virtually eliminates busy signals on the system.

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The hands-free type IP color video-intercom touchscreen door entry station(s) shall be Alpha Communications® AT700AS AlphaTouch® series, or approved equal. Station(s) shall be Surface wall mounted (or Flush mounted using the optional model# AT700FH Flush Housing), and when used outdoors shall be supplied with the optional model# AT700AH rain hood/sun shield (for surface mount door stations only) or model# AT700AHF (for flush mount door stations only). Station(s) shall be connected using a standard RJ45 connector and LAN wiring, by connecting to a PoE switch output or PoE injector. Station(s) shall include a high quality 7.0" color TFT LCD capacitive touchscreen.

Station(s) shall feature exceptional enhanced duplex digital voice fidelity with echo canceling processor. Station(s) shall include an on-screen display (OSD) and graphic user interface (GUI) that is programmable based on unit's firmware. Station(s) shall feature an electronic calling signal and surface model shall only protrude from the wall 1.25" inches (32mm) when surface mounted. Station(s) shall include the ability for visitors to place a call to any system monitor, concierge/guard station or device, or smartphone/tablet app, depending on system configuration.

A built-in 2M-pixel camera (with 120° Horizontal / 64° Vertical viewing angle) shall be provided.

FEATURES

- 7.0" (diagonal) Crystal Clear Color TFT LCD Capacitive Touch Video Screen
- 1024 x 600 resolution Brightness: 300nits 800:1 Contrast 16M colors up to 720p
- Uses simple CAT5 / CAT6 LAN wiring and RJ45 connectors - 10/100 Mbps Ethernet
- Stations are connected to a PoE switch output or PoE injector (PoE IEEE802.3af) 13W Min. Power Required. When powering the AT700AS from a separate power supply (not POE) you need to supply 12 VDC at 1 Amp.
- Enhanced Duplex Hands-free Digital Voice Operation with echo canceling processor
- Easy Installation (surface standard or optional flush mounting)
- Optional AT700AH Rain Hood/Sun Shield for surface mount door stations only
- SIP based communications (No Servers Needed)
- Rugged and Reliable. Simple to Operate
- Low profile surface station protrudes only 1.25" (32mm) from wall
- Intuitive Graphic User Interface (GUI)
- (3) built in door release (or other function) relays
- Built-in 2M-pixel camera (120° Horizontal viewing angle,

Contractor shall observe all local and national electrical and building codes.

64° Vertical viewing angle)

- Built-in EM Proximity Reader used with optional model# PT001B series prox. tags (EM cards that AT700AS can support are: 13.56 MHZ and 125KHZ - call for compatibility info)
- IP65 & IK06 Rated (Protected against 1 joules of impact (the equivalent to the impact of a 0.25kg mass dropped from 400mm above the impacted surface))
- Multi-talkpath system with a simultaneous voice talk path from every door station and concierge station
- Temperature Range -40°F to 131°F (-40°C to 55°C)

SPECIFICATIONS

Dimensions:	All AT700AS surface mount stations are 5.125"W (131mm) x 12.75"H (324mm) x 1.25"D (32mm). All dimensions shown are outside dimensions for the surface type station less rain hood.
Flush Mounting:	Flush mounted using the optional model# AT700FH Flush Housing (and where needed the model# AT700AHF rain hood)

INTERNET & NETWORK REQUIREMENTS

Internet: AlphaTouch® Door Panels require a prompt and reliable Internet connection for best video call quality. The property is responsible for acquiring & maintaining this service. Please ensure a wired Internet-Enabled PoE network connection to each AlphaTouch™ Door Panel.

Bandwidth: AlphaTouch® Door Panels require a minimum bandwidth of 2 mbps for uploading and downloading. If the Door Panels will be sharing the Internet connection with other devices, please configure QoS to ensure minimum bandwidth requirements are met.

Network: AlphaTouch® Door Panels require that data and power be delivered through a PoE-enabled network. The Door Panels require a minimum of 13 Watts to function. By default, Door Stations require a DHCP-Enabled network environment in order to obtain an IP Address. Static IP addresses can be assigned at the time of your order.