

**E100 COLOR IP Video Module**

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The Color IP video module(s) shall be Alpha Communications®/Golmar E100, or approved equal. Module(s) shall be mounted surface and shall be connected using a standard RJ45 connector and LAN wiring. Module(s) shall include a high quality color camera and speaker/microphone assembly. Module(s) shall feature electret condenser microphone for exceptional full duplex digital voice fidelity. Module(s) shall include an input for Color TFT display and shall be designed to connect to up to 120 calling pushbuttons in a matrix fashion or a matrix keypad. An unlimited number of E100 modules can be used in each system, and the E100 shall be connected to a standard Ethernet LAN through PoE ports or non PoE with the addition of a Power injector.

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

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E100 COLOR IP Video Module

The AlphaCommunications® E100 IP Color video modules use the iPlus technology from Golmar to provide the most advanced videointercom system available, for any size building up to 120 residents/monitors, and with any number door stations, and remote cameras.

These convenient modules are surface mounted so they can easily be mounted behind the video door entry panels or other locations, and are only 1.00" (26mm) deep!

Due to its advanced design and TCP/IP protocol, the E100 does not require any servers, power supplies, switchers, boosters, video distributors, and requires simply a LAN connection and the PoE switch(es).

All E100 monitors a special matrix wiring to allow up to 120 calling pushbuttons to be connected to each E100 module.

FEATURES

- Unlimited number of E100's can be connected in each system
- Module is specially designed for custom made entry panels and other applications such as parking and ticketing machines
- Uses simple CAT5 LAN wiring and RJ45 connectors
- Full Duplex Hands-free Digital Voice Operation
- Built-in Color IP camera and speaker/microphone
- 0, 90, 180 or 270 degree camera orientation.
- Clear Voice Fidelity using Electret Condenser Microphones
- Rugged and Reliable. Simple to Operate
- Low profile module is only 1.00" (26mm) deep
- Call divert function on Busy and on No Answer
- Connectivity to IT-4N from Golmar for telephone line call divert
- Multi-talkpath system with a simultaneous voice talk path from every door station and concierge station
- Input for Color TFT display connection for messaging or DDA compliance
- Designed to connect up to 120 call pushbuttons in a matrix fashion or with a matrix keypad

SPECIFICATIONS

Dimensions: All E100 IP modules are 4.35"W (111mm) x 3.50"H (89mm) x 1.00"D (26mm).

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.