

# TPC7 Controller



The Knox Video TPC7 touch panel controller is a unique solution that combines a multi-port control system processor, a video scaler for input preview and a touch panel that can be custom configured to suit any application. The integrated video scaler allows users to preview video from a variety of sources in a PIP or full screen format. Utilizing the multiple integrated control ports the TPC7 is ready to control most small to medium sized

- *Fully Programmable Touch Panel*
- *Multiple Control Ports*
- *Scaled Input Preview*
- *Light Sensor for Auto Dimming*
- *Rack Mount and Integrated Versions*
- *POE Capable*

systems. Additional modules are available to expand the size, capabilities and complexity of the solution to provide control for larger scale applications.

## Specifications

### General:

Processor: 32 bit Alchemy MIPS Core  
Memory: 256MB Flash, 128MP DDR2  
IR Learner: 3.5mm TRS Input  
Light Sensor: Front Panel IR Receiver Window  
Front Panel Light Sensor

### Display:

Physical: 7" LCD Panel  
Resolution: 800x480 (16:9 aspect ratio)  
Touch Screen: 4 Wire Resistive Touch  
Light Sensor: Front Panel Light Sensor

### Ports:

Serial: 2x RS232/422/485  
IR: 2x Output, 1x Input  
Relays: 2x C-Type  
I/O: 2x Contact Closure  
LAN: 2x 10/100 LAN Auto MDX  
Audio: 1x Stereo Line In  
1x Stereo Line Out  
1x Front Panel Speaker  
1x Front Panel Microphone  
Expansion: 1x USB 2.0 Host, 1x Micro SD

### Video Scaler:

Inputs: 1 ea. HDMI, VGA on DB15 or 5BNC, Composite, S-Video



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