

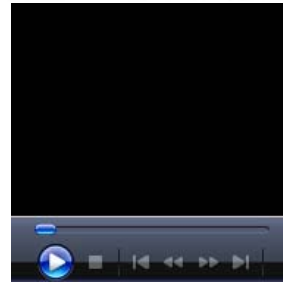
**Products**
[Home](#) > [Products](#) > [MultiTasker](#) > [MultiTouch\\_Panel](#) >

- Introduction
- MTSetup
- Tutorials
- 8-Step MultiTasking
- How to save
- Lifetime Warranty
- Accessories

## CP452-009

### 8.9" MultiTouch™ In-Wall Widescreen Panel

- Powered by an external 12V universal power adapter
- RS-232 and network connections available
- Windows XP embedded
- Operated with user-friendly AVSnap® software
- Simple to configure
- Available with White, Black or Silver bezel



Want to tell us what you think?  
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 (Please include your email address if you would like us to respond.)




[PDF Cutout](#)

[DXF Cutout \(right click & save\)](#)

[User Guide](#)

[Printable Version](#)

The **CP452** touch screen controller is specifically designed for in-wall installations. It is ideal for a wide variety of control applications. Each controller is a computer running Windows XP Embedded that includes these key features:

- Touch Screen
- Wireless Local Area Network (WLAN)
- COM port and 2 LAN ports
- 4 USB ports
- AVSnap™ Professional AV System Integration Tool

The **CP452** panel senses "touch" from a finger, stylus, pen, pencil, gloved finger, or other tool. The touch screen is very accurate and responsive to the operator's input. The **CP452** incorporates effortlessly into any AV system.

The COM port can control virtually any serial device using standard RS-232 communication. The two LAN ports allow connectivity to a local area network or a direct connection to another TCP/IP device. For added flexibility, consider the ALTINEX AC301-201 TCP/IP to RS-232 Adapter. This adapter allows RS-232 communication through a standard LAN connection.

The **AC301-201** has both serial (DB9) and network (RJ-45) connections. The **AC301-201** connects to a serial device using its DB9 connection, and to the LAN using standard network cable. AVSnap, or other RS-232 communication software can then be used to control the serial device using the IP address of the adapter in place of the COM port. In this way, a single controller can be used to control any number of serial devices using their unique IP address.

The **CP452** is designed for in-wall mounting. Paper template is provided for accurate installation cut-out. Simple blind screws provide hassle free installation.

AVSnap software installed on **CP452** provides a complete design environment for developing simple to sophisticated graphical user interfaces (GUIs). AVSnap is pre installed on each **CP452** making it easy to integrate into any control environment. Design high-quality GUIs with minimum effort by way of user-friendly toolbars for buttons, volume controls, progress bars, and much more. AVSnap incorporates a simple programming language with an organized interface that makes even complex programming code easy to read and maintain.

Everything needed to start is included in a sample application. Use the predefined procedures and functions to communicate with devices over RS-232 or LAN, or create your own custom subroutines. If you can program Crestron or AMX, you can program AVSnap.

## Specifications

GENERAL	ELECTRICAL
LCD Size: 8.9in	<b>External Connections</b>
LCD Resolution: WSVGA 1024x600	USB 2.0 Voltage: 4.4-5.2VDC
LCD Colors: 262k	USB 2.0 Current: 100mA max.
CPU: Intel® Atom™ N270 1.6GHz	LAN Speed: 1000 Mbps (GbE)
RAM: 1GB	RS-232 Input Range: +/-15V
Solid State Drive (SSD): CF Type II	Audio Line Out: 1Vp-p nominal
<b>External Connections</b>	Video Out:
+12VDC In: (1) DC Jack	RGB Analog: 0.7Vp-p nominal
USB 2.0: (4) Type A F	HV Sync: TTL
RS-232: (2) DB9 M	<b>Power Consumption (Max. from adapter)</b>

LAN: (2) RJ-45 F +12VDC: 60W max.

Video Out (RGBHV): (1) 15-PIN HD F

Audio Out: (1) 3.5mm F

Mic In: (1) 3.5mm F

Rear Mounting Holes: 3x3in (75x75mm) - this does not apply to wall installations

**Agency Approval**

EMC: CE, FCC

Safety (power adapter): UL/cUL

**MECHANICAL**

Material/Color: Steel/Black

Bezel Color: Black, White or Silver (Specify when ordered)

Frame H x W x D: 6.2 x 10.5 x 0.06in (157 x 267 x 2mm)

Body H x W x D: 4.6 x 8.3 x 1.5in (117 x 210 x 38mm)

Bezel H x W x D: 6.5 x 11.2 x 0.3in (164 x 284 x 6mm)

Touch Panel Weight: 2.9lb (1.3kg)

Shipping Weight (approx.): 5.5lb (2.5kg)

T° Operating: 0°C-40°C

Storage T° Min/Max.: -10°C/50°C

Humidity: 10-90% non-condensing

MTBF (caluculations): 40,000 hrs (min.)

**ACCESSORIES**

**Included**

Power Adapter & AC Power Cord: + 12VDC, 5A

Cutout Template: Paper Template for Wall Cutout

USB Panel Mount Cable: type A F-M

**Optional**

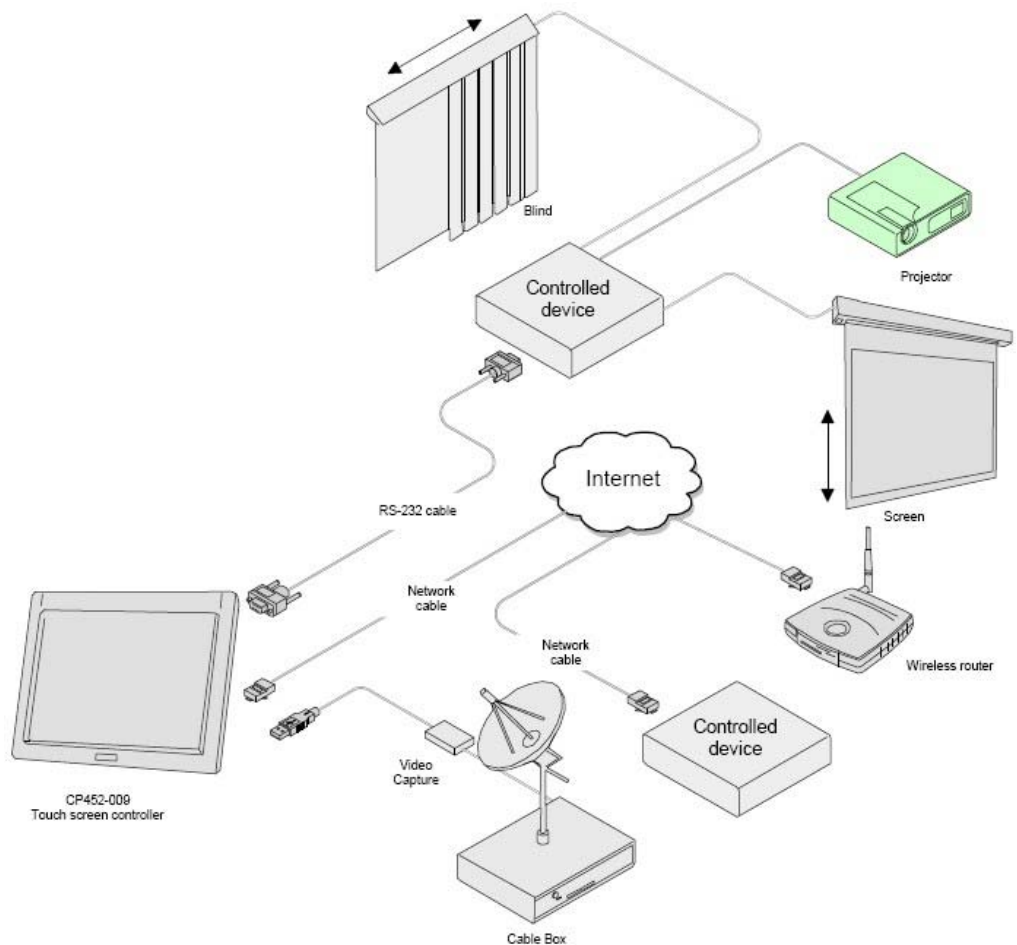
White bezel (aluminum): **AC407-101**

Black bezel (aluminum): **AC407-102**

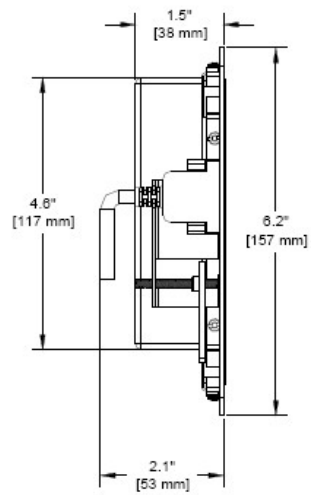
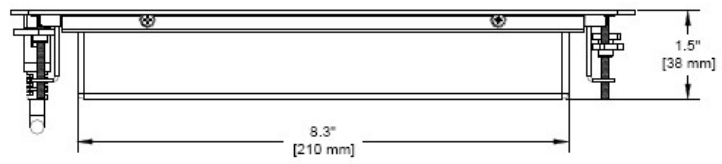
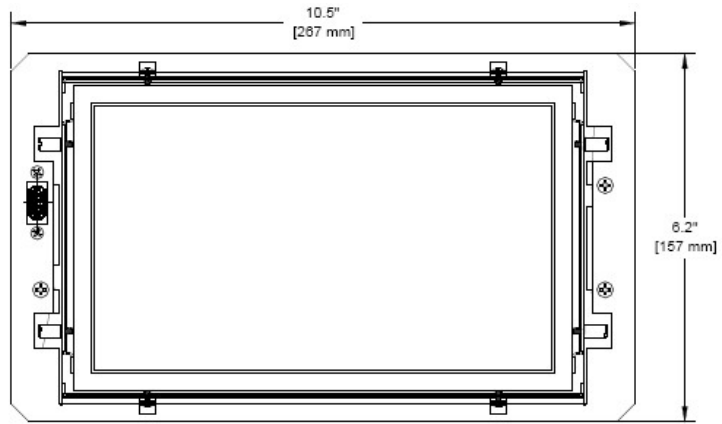
Silver bezel (aluminum): **AC407-103**

50ft power extension cable: **CB142-050**

**Application Diagram**



**Dimensions**



Specifications subject to change without notice. Do not use the diagram above to perform table/wall modification.

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