Modero® Touch Panels
# 8.4" Modero ViewPoint® Touch Panel

The **MVP-8400 is a clean, seamless, unobtrusive touch panel that combines Wall/Flush Mount flexibility, table top functionality and wireless mobility that gives users the ability to take control from anywhere, at any time. A fully compatible standard 802.11 Wi-Fi Card provides additional control features and eliminates the inconvenience of installing and using cables. Additionally both 38KHz and 455KHz 1-way IR are also built in.**

## COMMON APPLICATION

The perfect user interface for whole home automation of high-rise residences, luxury MDUs, boutique hotels and other applications requiring a sophisticated interface.

## FEATURES

- 8.4" color active-matrix TFT with 4 x 3 Aspect Ratio
- Screen Resolution (HV): 800 x 600 pixels with Anti-glare Overlay
- Display colors: 262 K (18 bit color depth)
- Built-in speakers (2) and microphone
- 64 MB RAM/64 MB CompactFlash Memory (upgradeable)
- 802.11g WiFi for two-way network communications
- Nine programmable hard buttons
- Operates with two MVP-BP Battery Packs
- 12 VDC Power Supply for recharging batteries

AMX®

## MVP-8400 (FG5965-05)

### DIMENSIONS (HWD)
7 3/16" x 10 1/2" x 1 1/4" (18.2 cm x 26.6 cm x 3.1 cm)

### WEIGHT
• 2.0 lbs (0.91 kg)
• Panel with one battery: 2.25 lbs (1.02 kg)
• Panel with two batteries: 2.65 lbs (1.20 kg)

### SCREEN PROPERTIES
• Screen resolution: 800 x 600 pixels (HV) @ 60 Hz
  frame frequency
• Aspect ratio: 4 x 3
• Brightness (luminance): 180 cd/m2
• Channel transparency: 8-bit Alpha blending
• Contrast ratio: 350:1
• Display colors: 256K colors (18-bit color depth)
• Dot/pixel pitch: 0.21 mm
• Panel type: TFT Color Active-Matrix

### VIEWING ANGLE
Vertical: + 60° (up from center) and - 40° (down
from center)

### POWER REQUIREMENT (without charging)
Panel with batteries fully charged or with no batteries:
• Constant current draw: 1.2 A @ 12 VDC
• Startup current draw: 1.8 A @ 12 VDC
• If panel is mounted onto a TDS or WDS, add 0.1 A to the
  above figures.

### POWER REQUIREMENT (while charging)
Panel while charging batteries:
• Constant current draw: 3.2 A @ 12 VDC
• Startup current draw: 3.8 A @ 12 VDC
• If panel is mounted onto a TDS or WDS, add 0.1 A to the
  above figures.

### MINIMUM POWER SUPPLY REQUIRED
PS4.4 Power Supply (FG423-45) - All MVP models are
shipped with this power supply

### POWER MODES
• ON: Panel is fully functional.
• STANDBY: Panel uses low power, the LCD/backlight is
  shutdown, LEDs still function. Panel resumes the
  ON mode in ~ 1 second.
• OFF: On-board programs not running, touch screen still
  powered, LED not functional. Panel resumes the
  ON mode in ~ 30 seconds.

### CERTIFICATIONS
• FCC Part 15 Class B and CE
• IEC60950

### MEMORY
• 64 MB SDRAM
• 64 MB Compact Flash (upgradeable to 1 GB)
  – factory programmed

### BATTERY DURATION (using 2 batteries)
• Eight hours of normal use (25% On state, 25% Standby,
  and 50% Off)
• Four hours of continuous use (continuous On state).
  The MVP-8400 panel is shipped with two MVP-BP
  batteries. You must use both batteries to obtain the
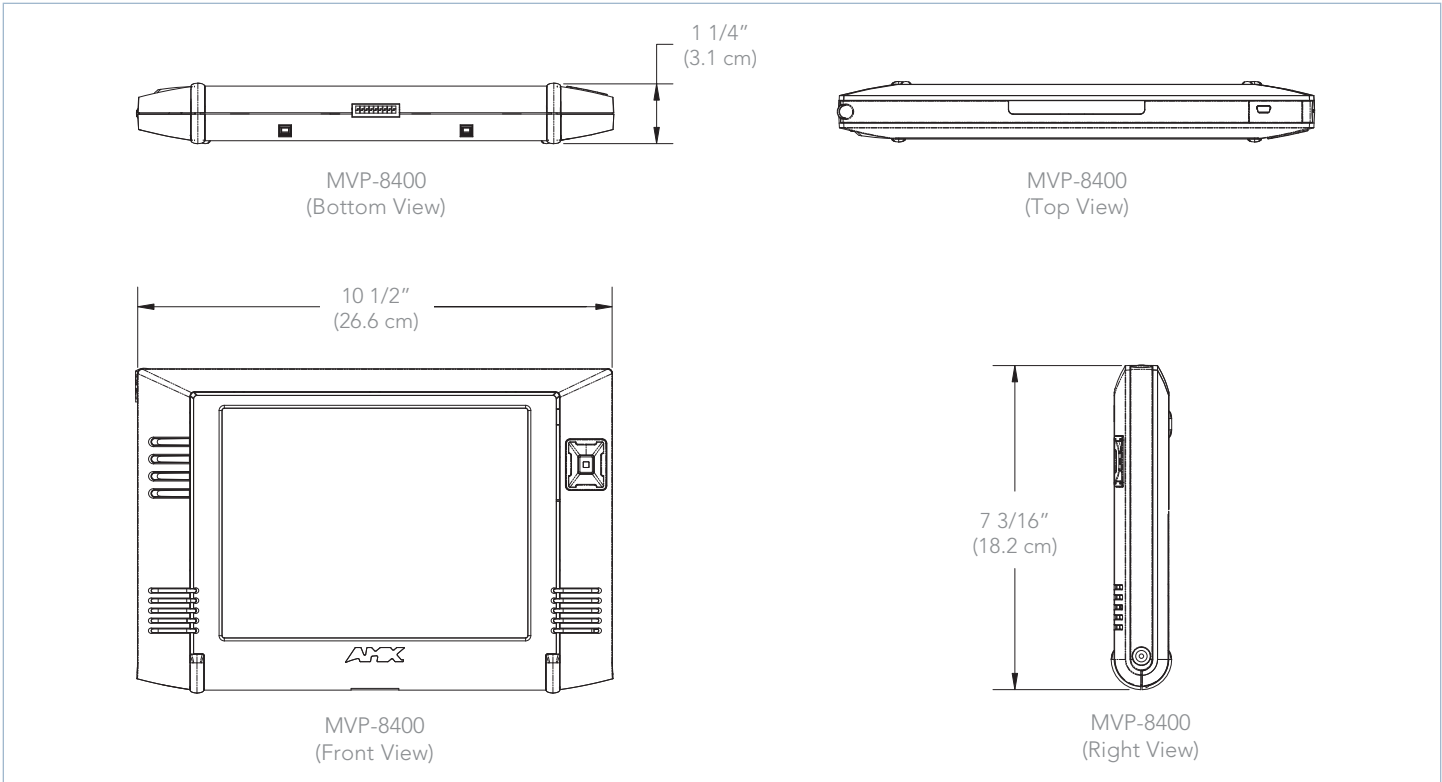  duration times given above.

### OPERATING/STORAGE ENVIRONMENTS
• Operating Temperature: 0° C (32° F) to 40° C (104° F)
• Operating Humidity: 20% - 85% RH
• Storage Temperature: -20° C (-4° F) to 60° C (140° F)
• Storage Humidity: 5% - 85% RH

### BTU/HR
155.7

### INCLUDED ACCESSORIES
• Wireless Interface Compact Flash card (CF Type 1)
  (pre-installed into MVP)
• PS4.4 Power Supply (FG423-44)
• Stylus (pre-installed onto the left side of the unit)
• Two MVP-BP Power Packs (FG5965-20)



1 1/4"
(3.1 cm)

MVP-8400
(Bottom View)

MVP-8400
(Top View)

10 1/2"
(26.6 cm)

7 3/16"
(18.2 cm)

MVP-8400
(Front View)

MVP-8400
(Right View)

**AMX**

*IT'S YOUR WORLD. TAKE CONTROL.*