SPECIFICATIONS

DIMENSIONS (HWD) Landscape: 4 7/8" x 7 3/8" x 2 1/4" (123.9 mm x 187.5 mm x 58 mm), with back box

WEIGHT: 1.05 lbs (.680 Kg), with back box / 0.8 lbs (.363 Kg), without back box

POWER CONSUMPTION

Full-On: 11 W

Typical: 7.5 W

Standby: 4.5 W

Shutdown: 0.7 W

Start-Up Inrush Current: Not applicable due to PoE standard

EXTERNAL POWER SUPPLY REQUIRED

Optimal performance requires use of one of the following AMX PoE power supplies (not included):

PS-POE-AF-TC, PoE Injector, 802.3AF Compliant ([FG423-83](#))

NXA-ENET8-2POE, Gigabit PoE Ethernet Switch ([FG2178-63](#))

REGULATORY COMPLIANCE

FCC Part 15 Class B	C-Tick CISPR 22 Class B
CE EN 55022	UL 60950-1
CE EN 55024	VCCI CISPR 22 Class B
CE EN 60950-1	RoHS
IEC 60950-1	WEEE
IC CISPR 22 Class B	

TOUCH SCREEN DISPLAY

Display Type: TFT Active Matrix Color LCD with Fringe Field Switching (FFS) - Wide viewing angle technology

Display Size (WH) Landscape: 7.3" x 4.8" (186 mm x 122 mm), 8.8" (222 mm) diagonal

Viewable Area (WH) Landscape: 6.05" x 3.54" (154 mm x 90 mm), 7.0" (178 mm) diagonal

Resolution: Landscape: 1024x600

Aspect Ratio Landscape: 16:9

Brightness: 400 cd/m2

Contrast Ratio: 800:1

Color Depth: 16.7M colors

Illumination: LED

Touch Overlay: Resistive

VIEWING ANGLE

89°/89°/89°/89° (Up/Down/Left/Right)

MEMORY

SDRAM: 512 MB

Flash: 4 GB

Maximum Project Size: 2.4 GB flash available to user

COMMUNICATIONS

Ethernet: 10/100 port, RJ-45 connector. Supported IP and IP-based protocols: UCP, TCP, ICMP, ICSP, IGMP, DHCP, Telnet, FTP, DNS, RFB (for VNC), HTTP

USB: (1) USB host 2.0, Type A port: firmware upgrade, touch panel file transfer, JPEG image viewer, HID peripherals

Bluetooth®: Mouse/Keyboard: HID Profile v1.1, requires MXA-BT, Bluetooth USB Adapter for Modero X/S Series Touch Panels (FG5968-19) and MXA-HST, Bluetooth Handset for Modero X/S Touch Panels (FG5968-17)

VIDEO

Supported Video Codecs:

MPEG-2-TS: MPEG-2 Main Profile@High Level up to 720p at 25 fps (decode only)

MPEG-2-TS: H.264 High Profile@Layer 4, AAC-LC up to 720p at 25 fps (decode)

MJPEG up to 720p at 25 fps (decode only)

Supported Video Transport Streams: MPEG-TS for MPEG-2 and H.264; HTTP for MJPEG

Max Number of Active Video Streams: One decode

AUDIO

Microphone: -42 dB ±3 dB sensitivity FET microphone

Speakers: 4 ohm, 1.5 Watt, 500 Hz cutoff frequency

Supported Audio Codecs:

MP2 Layer I and II, MP3 (8 kHz, 11.025 kHz, 12 kHz, 16 kHz, 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz, 48 kHz)

AAC-LC (8 kHz, 96 kHz)

G.711 with µLaw (VoIP encode/decode at 8 kHz)

File Formats: WAV, MP3 (as part of touch panel file only - no USB storage)

Intercom: Full Duplex VoIP, SIP v2.0 (supported with AMX-CSG)

GRAPHICS ENGINE

AMX G4: AMX's exclusive, powerful G4 graphics engine – the driving force behind the advanced graphics and image processing capability on a variety of AMX Touch Panels and other devices (see TPD4 Operations Guide for more information)

EMBEDDED APPLICATIONS

Remote Management: VNC Server, G4 Web Control

Panel-to-Panel Conferencing: Receives audio and video and returns audio for panel-to-panel communication

Audio Conferencing: Audio (Full Duplex Intercom)

FRONT PANEL COMPONENTS

Sleep Button: Sleep button to activate sleep mode and powering off. Also provides access to setup pages (can be disabled)

Programmable Red/Green LEDs: Programmable red/green LED in the front, left and right sides of the panel, LEDs are beautifully recessed and nearly invisible when not lit

CONNECTIONS

Ethernet: 10/100 port, RJ-45 connector

USB: (1) USB host 2.0, type A port

Power: PoE (Power over Ethernet), 802.3af, class 0

ENVIRONMENTAL

Temperature (Operating): 32° F to 104° F (0° C to 40° C)

Temperature (Storage): 4° F to 140° F (-20° C to 60° C)

Humidity (Operating): 20% to 85% RH

Humidity (Storage): 5% to 85% RH

Power ("Heat") Dissipation:

On: 22.2 BTU/hr

Standby: 14.3 BTU/hr