

Make: Dynacord

Model: TPC-1, Touch Panel Controller

The touch panel controller shall have a 5.7" capacitive touch IPS display with a resolution of 720 by 1440 pixel and a brightness of 450 nits. It shall work on GB Ethernet networks and utilize a Quad-core ARM processor to act as an independent system controller. It shall be powered via POE (48VDC) with an optional 24V DC power inlet. The power consumption shall be on average 6 W, but not to exceed 8 W. A USB 2.0 connection shall be available on the rear for maintenance and service. Firmware updates shall be possible via software.

The touch panel shall provide a canvas to allow free configuration via software of various system control parameters of all compatible devices in the system. Controls for 3-rd party devices via dedicated 3-rd party gateways shall be included as well. The panel design shall support the use of custom images in png, jpg, gif, or bmp file format. A proximity sensor with a range of about 1.2 m shall be utilized to wake up the panel from dim or display-off mode. Optional PIN-protection shall be provided to allow prevention of unauthorized access when required.

The overall dimension shall be 150.3 mm (5.9 in) height and 85.5 mm (3.4 in) width. When mounted in a standard US NEMA-style or EU 62mm wall mount box, it shall not exceed 12.2 mm (0.5 in) outside the wall.

Suggested make and model: Dynacord TPC-1