

# Y-TEQ - MERCURY



## Y-TEQ – Mercury 8 Datasheet

Introducing the Cutting-Edge Flush Mount Touch Display with the preinstalled Control App. Enhance your home automation, visualization, and building control experience with the Mercury 8 Touch Panel. Equipped with a powerful Rockchip RK3566 CPU and running on Android 11 operating system, this display is engineered to meet the highest performance standards for seamless user interaction. Featuring an 8.0-inch IPS panel with a high-definition resolution of 1280x800, this display delivers sharp visuals with a wide viewing angle, enabling you to interact with your content effortlessly. The display's impressive contrast ratio of 1000:1 and brightness of 300 nits ensure vibrant colors and optimal clarity, even in challenging lighting conditions.

Another handy feature of the Mercury 8 Touch Display is its PoE functionality, allowing for both data and power transmission over a single Ethernet cable (IEEE802.3af). This eliminates the need for separate power cables, simplifying installation and ensuring a clean, clutter-free setup.

Designed to seamlessly integrate into any environment, our display is fixed within a flush-mounted box, placed flat on the wall. It can be mounted on both round and square flush-mounted boxes, offering flexibility for various installation scenarios. Whether you need it for wall mounting, control cabinet integration, or tabletop installation, our display effortlessly adapts to your requirements.

## ENGINEERING SPECIFICATION

The touch panel shall be a capacitive touch with an eight-inch screen size. It shall feature a single RJ45 port to the rear, which shall provide both data and power over PoE to IEEE 802.3af standard. The touch panel shall be capable of displaying high-definition graphics at a resolution of 1280 x 800, and support multiple customizable pages and Lua scripting. The touch panel shall be DHCP-enabled and operate over standard Cat cable without the requirement for a proprietary switch. The device must mount into a standard EU electrical box or shall be VESA mounted, be available for table-top installation using an appropriate stand, and ship with an adapter bracket. Using In-Plane Switching technology (IPS), the touch panel shall support brightness of up-to 300 nits. The touch control shall be compliant to CE, EU RoHS and REACH. The touch-control shall be the Mercury 8.

## TECHNICAL SPECIFICATIONS

<b>System</b>	
CPU	Rockchip RK3566 quad core
RAM	2GB
ROM	16GB
System	Android 11
<b>Display</b>	
Screen	8" IPS Panel
Resolution	1280x800 wide viewing
Contrast	1000:1
Brightness	300 nits
Touch	Capacitive
<b>Network</b>	
WiFi	802.11a/b/g/n 2,4/5 GHz
Ethernet	PoE (Power Over Ethernet) 15,4 W IEEE802,3af
<b>Connections</b>	
USB Host	USB-C
Network	RJ-45
Power	DC Input 12-24V
<b>Zubehör</b>	
Adaptor Bracket	Included
VESA Wallmount	Optional
VESA Tabletop	Optional
<b>General</b>	
Weight	0,7 Kg
Color	Black
Compliance	CE, EU RoHS, REACH