

Image Intelligence in Real-Time



The TouchStar Master Control System provides full function access to receive site equipment and remote cameras. The intuitive touchscreen interface allows operators to control camera systems, diversity receivers and remote site controllers at multiple locations with ease. The highly configurable TouchStar software navigates from one receive site to the next with the click of a button. There is no limit to the number of remote sites an individual master can control. A single screen can be configured to operate equipment simultaneously at numerous locations. The TouchStar Master Control System includes a high-grade, rack-mountable PC and can be purchased with the M170 touchscreen monitor.

The TouchStar software has the ability to control a variety of devices at geographically diverse locations. It integrates all of the necessary functions onto one panel so the operator has full control of local and remote devices regardless of their venue. The TouchStar software can be used to control video switchers, routers, microwave transmitters/receivers and various other pieces of equipment with serial or discreet remote interfaces. The system provides a seamless transition from one device to the next by providing a common interface regardless of the manufacturer or vintage of the system. TouchStar Master Controllers can be networked, giving users the ability to simultaneously control the system from different workstations.

The control panel is configured to display a large active view of a selected location as well as a real-time snapshot of the other remote sites. For additional convenience, there are built-in presets providing the operator quick access to user-defined remote site or camera configurations.

Mapping

TouchStar software has an optional map-based interface that displays a street-level map of the entire United States. Operators can place receive sites, vans, trucks, and helicopters on the map. The map panel provides an accurate visual picture of the location of fixed and mobile assets in one convenient view. Receive antenna alignment is accomplished by simply selecting the transmitting source and the desired receive site on the map panel and pressing a button to steer the receive antenna to the correct heading. Additionally, the software provides a real-time representation of a moving aircraft location on the map. By using the mapping panel, the operator can quickly align multiple receive antennas to various different sources on-the-fly.

Real-Time Video

A Master Controller running TouchStar software can display a live video signal from each of the remote sites. A locally controlled router provides automatic switching to the active receive site as the operator navigates through the software. This feature aids the user in quickly setting up shots by eliminating the need to manually switch video sources. TouchStar automatically stores a bitmap image for camera presets in the preset button itself, providing a quick visual reminder of the preset position, which further reduces operator workload. Onscreen control of video parameters allow operators to normalize video as required.

Air-to-Ground Ethernet Connectivity

M3007 Master Control System



Upgrade Package:

- M3007 TouchStar rack mounted computer
- Latest version of Troll's TouchStar
- Updated GUI
- Latest support configuration tools
- System validation and testing
- Two year software and hardware warranty
- Forward compatible with Web based apps, when available
- Two (2) year license for remote maintenance (Remote desktop support)
- Reconfiguration and integration of existing customer panels, including direct support from Troll engineers to review and rearrange GUI screens to meet current operational requirements for up to five (5) remote devices.
- Windows OS. 10

Master Control Computer Configured
with the Latest Version of TouchStar

M3007

SPECIFICATIONS

Specifications subject to change without notice.

System Properties

Processor:	Intel Pentium G4500 3.5GHz, 3M cache, 2C/2T
Memory:	8GB UDIMM, 2133MT/s, ECC RAM
Storage:	500GB 7.2k RPM SATA 6Gbps
OS:	Windows 10 Professional
Network:	On-Board LOM 1GBE Dual Port (BCM5720 GbE LOM)
Serial Ports:	(1) Serial
eSATA	(1) eSATA
USB Ports:	(2) Front (2) Back (2) Internal
Video:	(1) HDMI (1) DVI (1) VGA
Power:	Non-redundant, 250W (80+ Bronze) auto- ranging (100V - 240V)
Rack:	1U/2U Static Rails for 2-Post and 4-Post Racks 1 EIA Rack Unit

Weight:

Vertical Rack Space:	1U - 17.086" x 16.9" x 1.67"
Metric Dimensions:	434mm x 429.3mm x 42.4mm
Input Power:	100-240 VAC, 50-60Hz, Maximum 300 Watts
Temperature Range:	-20° to +50° C (-4° to + 122° F)



The Data Link Experts

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