

MODEL 702

TRACKING SYSTEM CONTROLLER



The Model 702 Controller uses a serial communications link to provide control of Moog E-O Imaging's Series 6000 and 7000 Video Trackers. The Controller can be used independently or in conjunction with the Series 6000/7000 Graphical User Interface (GUI) installed on a laptop or PC. The unit allows the user direct access to specific functions of the video tracker for real-time operations.

The Model 702 Controller provides the user multiple serial communications ports for controlling or accepting information from external devices. Each of the serial ports can be individually configured for RS232, RS422 or RS485 communications. In addition to the standard configuration using tactile feedback, the unit can be adapted for touch screen or other input devices. Also, the standard lens and tracker functions of the unit can be modified to handle camera and pedestal functions.

STANDARD FEATURES

- Joystick Mount Control
- Video / Camera Source Selection
- Concurrent Control of Two (2) Lenses
 - Zoom/FOV, Iris and Focus
- Status Indicators
 - On Target
 - Track / Acquire
 - Controller Active
- Real-Time Tracker Control
 - Gate Size
 - Tracker Mode
 - Threshold
 - Auto / Manual Gate Position
 - Aim Point Offset
 - Return to Boresight
 - Mount Gain Override
- Single Cable to Series 6000 or 7000 Tracker
 - Provides Serial Communications (and Power)
 - External +5V Power Connector

- Rear Panel Connector
 - Provides Interface to Switches, Port and Joysticks for Custom Applications
- Four (4) RS232/422/485 Interfaces
 - One for Tracker Control, Three User Defined

ENVIRONMENTAL FEATURES

- Relative Humidity
 - Operating: 0% to 95% non-condensing
 - Storage: 0% to 95% non-condensing
- Altitude
 - Operating: 0 to 10,000 ft (3,000 m)
 - Storage: 0 to 40,000 ft (12,000 m)
- Temperature Range
 - Operating: -20° to +60°C
 - Storage: -20° to +60°C
- Conformal Coating - standard
- Cooling Method - convection

EQUIPPING THOSE WHO DEFEND FREEDOM

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Consult factory for latest specifications and available options.

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