



# RX37I 5.7" Rugged Color Touch OCS

## Powerful All-In-One Ruggedized Controller with 5.7" QVGA TFT Touch Screen, Embedded Ethernet, and Snap-on I/O

The NEW RX37I Color-Touch OCS features a fast, powerful logic engine, ruggedized touch screen encased in an all metal chassis and optional snap-on I/O. OCS (Operator Control Station) is a robust, reliable control product that combines a traditional controller...programmed in ladder logic...operator interface, I/O and networking into an integrated, all-in-one unit using a single free software package.

The RX37I features a bright new 5.7" QVGA, TFT screen with over 32K colors. The screen is easily viewable in high ambient lighting conditions, with a 700 NIT rated screen. The RX37I is fast and has a typical logic scan rate of 0.2mS/K. The RX37I has advanced control capabilities including floating point, multiple auto-tuning PID loops and string handling capabilities. In addition, the RX37I features embedded Ethernet and supports many Internet capabilities such as remote data access, programming, hosting HTML-based web pages, and FTP file transfer. Plus, it has a built-in MicroSD® memory slot that allows users to easily store machine or process data and screen captures (up to 2GB). Programs can be updated and loaded through MicroSD...a real advantage for OEMs or those supporting distant sites.

The RX37I Color Touch OCS has optional I/O features, too. The base RX37I unit provides control, operator interface, and communication functionality while the optional metal SmartStack® or remote SmartStix® units provide I/O connectivity. A USB Mini B connector allows easy connection to your PC for programming and interface design. A USB A connector supports data exchange with USB flash drives.

### Ruggedized features for harsh environments and rigorous use.

The RX37I is unique as it has been optimized for enhanced shock and vibration protection. Plus, the touch screen is constructed of Lexan® and is impact resistant. All function keys have been designed for 30 Million + operations with outstanding tactile feel. Finally, the RX37I incorporates a metal chassis designed for rigorous use.



*The RX37I is designed for harsh environment use, with its metal chassis, ruggedized heavy duty function keys and impact resistant touch screen. Snap-on I/O is provided by metal SmartStack® units or SmartStix® I/O.*

Temperature Range:	-30 to 60° C
Approvals:	CE, UL and C-UL pending
Environment:	NEMA 4X and IP66
Impact Rating:	Exceeds requirements for IK7

**Fast Logic Scan & Screen Updates**

**Bright 700 NIT LCD Display**

**Impact Resistant Lexan® Touch Screen**

**Cast Aluminum & Steel Chassis**

**Snap-on I/O**

**MicroSD storage®**

**Embedded Ethernet and Web-enabled**

**USB Port for Easy Programming**

**Free Software**