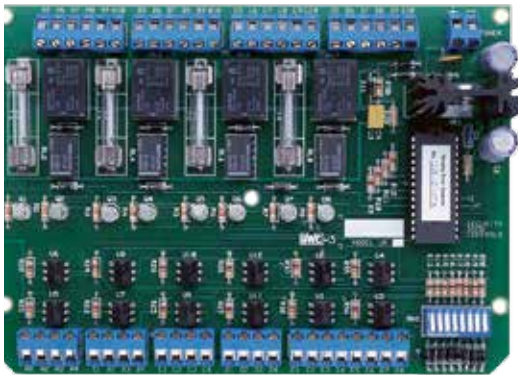




# UNIVERSAL DOOR CONTROL

## MODULES

### Field Programmable Access Hardware Controller



The UR4A is capable of providing the logic of 8 relays.

#### Time Delay Logic



#### Latching or Conventional Relay Logic



"Security Industry Finest"  
ISC Expo East and West

- UR-2A** Two Station Controller
- UR-4A** Four Station Controller
- 6 Field Selectable Application Modes

The UR series is a microprocessor based controller that provides 7 different, field selectable application modes for two, three or four stations. 1 or 2 controller may be installed in IDC 600 series power supplies. Single and multiple controllers may be mounted in remote junction boxes and powered by a single power supply.

#### Interface and Centralized Wiring

The UR Series Access Hardware Controller provides complete system interface capability and centralized wiring of all components, including; access controls, electric locks, peripheral equipment and monitoring contacts.

#### Reduced Components and Engineering

Applications that require several individual relays may be costly and complicated, requiring additional engineering time to produce the proper system logic. The UR eliminates the need for multiple or different relays. All system logic is reduced to one controller.

#### Selectable Output Modes

- Conventional Relay
- Latching Relay (pulse on, pulse off)  
Latch individual station or all stations
- Time Delay Relay 1-35 seconds
- \*Dual, Latching & Time Delay Relay
- Mantrap - All doors normally locked
- Interlock - All doors normally unlocked
- Interlock - 1 door locked, 1 door unlocked. **UR-2A only**

\*Primary input triggers the Time Delay  
Auxiliary input triggers latch function

The relay mode may be different per individual station. When mantrap or interlock mode is selected all outputs operate the same.

#### Documentation

Several access control and mantrap system wire diagrams are provided for common applications.

#### UR-2A Specifications

- Input Voltage:** 12 or 24VDC +/- 10%
- Input Current:** 280 mA, at rest  
350 mA, operating
- Trigger Inputs:** N.O. Dry, Optically Isolated
- Outputs:**  
2 Fused SPDT Dry, 5 Amp @ 30VDC  
2 Non-fused, SPDT Dry, 1 Amp @ 30VDC

#### UR-4A Specifications

- Input Voltage:** 12 or 24VDC +/- 10%
- Input Current:** 350 mA, at rest  
430 mA, operating
- Trigger Inputs:** N.O. Dry, Optically Isolated
- Outputs:**  
4 Fused SPDT Dry, 5 Amp @ 30VDC  
4 Non-fused, SPDT Dry, 1 Amp @ 30VDC
- Dimensions:** 7" W x 5" H x 2" D  
(177.8 x 127 x 50.8 mm)