# COSEC ARC IO800
## Input-Output Controller



### GENERAL

| | |
|---|---|
| Input Power | 12V DC @ 2A Power Adaptor |
| Communication Mode | Ethernet and RS-485 |
| Event Buffer | 1,00,000 |

### COMMUNICATION

| | |
|---|---|
| Ethernet | 10/100 Mbps |
| PoE | YES (IEEE 802.3 af) |
| Buzzer | Yes |
| LED | One (Dual color LED) |

### INTERFACE

| | |
|---|---|
| AUX-IN | 8 Input Ports |
| AUX-OUT | 8 Output Ports |
| INPUT Type | 4 State Supervised |
| OUTPUT Type | 28V DC @ 2A, Relay SPDT, Form C |

### CERTIFICATIONS

| | |
|---|---|
| CERTIFICATES | CE, RoHS and FCC |

### HARDWARE

| | |
|---|---|
| CPU | PIC32 Microcontroller |
| MEMORY | 128 Kbytes SRAM + 512 Kbytes |
| RESET SWITCH | YES |

### OPERATIONAL MODES

| | |
|---|---|
| Standalone Mode | With Built-in Software in COSEC PANEL200P |
| Server Mode | With COSEC CENTRA/VYOM (with or without COSEC PANEL200P) |

### PHYSICAL

| | |
|---|---|
| Dimensions (W x H x D) (mm$^3$) | 107 x 125.5 x 55 |
| Weight | 260 g (Approx.) |

### ENVIRONMENTAL

| | |
|---|---|
| Humidity | 20% to 95% RH Non-Condensing |

| Operating Temperature | 0°C to + 50°C (32°F to 122°F) |

*Due to continuous technology upgradations, product specifications are subject to change without notice.*

**ABOUT MATRIX**

Established in 1991, Matrix is a leader in Security and Telecom solutions for modern organizations. Matrix offers a comprehensive range of solutions for IP Video Surveillance, Access Control, Time-Attendance, and Telecom applications. The solutions are designed to meet the communication and security requirements of large enterprises having offices in multiple locations, SMEs, and SMBs.

As an innovative, technology-driven, and customer-focused organization, Matrix is committed to keeping pace with the revolutions in the Security and Telecom industries. With around 40% of its human resources dedicated to the development of new products, Matrix has launched over 60 cutting-edge products and solutions.

IP Video Surveillance includes solutions like Video Management Systems, Network Video Recorders, and IP Cameras. Likewise, solutions in Access Control and Time-Attendance include Visitor Management Solutions, Elevator Access Control, Panels, Door Controllers, and Readers.

We offer Telecom Solutions such as Unified Communications, IP-PBX, Universal Media Gateways, VoIP and GSM Gateways, and Communication Endpoints. All these solutions are feature-rich, reliable, and conform to international standards.

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