CV-350 SERIES
TCP/IP ACCESS CONTROL SYSTEM

**CONTROLLER FEATURES**

- 2 DOOR NETWORKABLE ACCESS CONTROL UNIT, REDUCES EQUIPMENT COST OF MULTI-DOOR APPLICATIONS
- BUILT IN TCP/IP AND RS485
- 360 DAY DATA RETENTION UPON POWER LOSS
- FUSE PROTECTION: 1A FOR MAINS, 2A FOR 12VDC OUTPUT
- COLOR CODED WIRING AND TERMINALS MAKES INSTALLATION EASIER
- 2 WIEGAND (8 TO 128-BIT) READER PORTS
- 2 FREE INPUTS (N/O OR N/C) AND 2 DOOR SENSOR INPUTS
- 4 FULLY PROGRAMMABLE 10 AMP, N/O AND N/C RELAY OUTPUTS
- INTEGRATED FINGERPRINT READER SUPPORT
- TAMPER INPUT
- LOCKABLE METAL ENCLOSURE INTEGRATED WITH A TRANSFORMER, POWER SUPPLY/CHARGER
- DISTRIBUTED INTELLIGENCE. CONTROLLERS WILL FUNCTION EVEN IF THE COMMUNICATION IS NOT PRESENT
- FAILURE OF ONE CONTROLLER UNIT WILL NOT AFFECT OTHER CONTROLLERS ON THE NETWORK
- UNLIMITED NUMBER OF CONTROLLERS PER SYSTEM. FIRMWARE UPDATES THROUGH SOFTWARE.
- UNLIMITED NUMBER OF COMPORTS, TCP/IP NODES AND SUBNETS
- ONE RS485 COMMUNICATION BUS PER SYSTEM
- UP TO 15,000 USERS PER CONTROLLER
- UP TO 15,000 PINS, WITH 1 TO 8 DIGIT LENGTH, PER CONTROLLER
- COMPATIBLE WITH WINDOWS 10 AND LOWER, SERVER 2016 AND LOWER
- CLIENT-SERVER SOFTWARE, MULTIPLE USERS CAN ACCESS THE DATABASE ON THE SERVER PC
- UNLIMITED NUMBER OF ACCESS LEVELS
- MS ACCESS OR SQL DATABASE
- MULTIPLE LANGUAGE SUPPORT: ENGLISH, FRENCH, ITALIAN, SPANISH, GERMAN, DUTCH, PORTUGUESE, CZECH, POLISH
- PROGRAMMABLE WIEGAND INTERFACE (26 BIT TO 128 BIT).
- FULLY CONFIGURABLE INTERCONNECTION LOGIC OF INPUTS, OUTPUTS AND DOOR SENSORS. ACTIVATE MULTIPLE RELAYS WITH ONE READER
- 24 TIME ZONES, 32 HOLIDAYS, UNLIMITED NUMBER OF ACCESS LEVELS
- HARD AND TIMED ANTI-PASSBACK
- MANTRAP ACCESS
- DYNAMIC DNS SUPPORT
INTEGRATION & MANAGEMENT FEATURES

SYSTEM MANAGEMENT
• ENABLES MANAGEMENT OF USER DATA, PHOTO WITH CUSTOM FIELDS, ACCESS RIGHTS, ALARMS, STRIKE TIMES, AND DOOR MODES, FROM A CENTRAL LOCATION
• GRAPHICAL SITE MAPPING

SYSTEM INTEGRATION
• FIRE ALARM INTEGRATION WITH AUTOMATIC EVACUATION REPORT PRINTING
• INTRUDER ALARM INTEGRATION INPUT

REPORTING
• UP TO 30,000 EVENTS PER CONTROLLER, UNLIMITED PER SYSTEM
• CUSTOMIZED REPORTS WITH FILTER FOR: TIME, USER, DEPARTMENT, READER OR DOOR
• SEND REPORTS BY MAIL
• WEB REPORTING, NO INSTALLATION OF SOFTWARE NEEDED
• SYSTEM LOGS AND REPORTS ALL SOFTWARE CHANGES MADE BY OPERATORS
• 'FIND USER' FEATURE ALLOWS OPERATOR TO SEE THE CURRENT OR LAST KNOWN LOCATION OF A USER

TIME & ATTENDANCE
• TIME & ATTENDANCE CALCULATION OF: WORKING HOURS, OVERTIME, LATE ARRIVAL, LATE FROM BREAK, EARLY LEAVE, EFFECTIVE HOURS AND HOLIDAYS
• MULTIPLE WORK SHIFTS PER USER/USER GROUP

DESCRIPTION

CV-350 from Camden Controls is a powerful and flexible TCP/IP and RS485 networked access control system that is designed to provide easier management, better security and enhanced performance, including integration with fire alarm and intruder alarm systems and time and attendance.

The innovative CV-350 controllers support all input and outputs required for control of two doors (reducing the equipment costs of one door systems) and there is virtually no limit to the number of CV-350 controllers (and users) that can be seamlessly networked together in a single system. System management software also supports multiple CV-350 systems via Internet or LAN connection.
TCP/IP ACCESS CONTROL SYSTEM

SPECIFICATIONS

<table>
<thead>
<tr>
<th>FEATURE</th>
<th>CV-352</th>
<th>CV-352E</th>
<th>CV-354</th>
<th>CV-354E</th>
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<tbody>
<tr>
<td>POWER SUPPLY</td>
<td>11-15VDC</td>
<td></td>
<td>11-15VDC</td>
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<tr>
<td>USER CAPACITY</td>
<td>MAX. 15,000 PER CONTROLLER</td>
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<td>MAX. 30,000 PER CONTROLLER</td>
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<tr>
<td>EVENT CAPACITY</td>
<td></td>
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<tr>
<td>COMMUNICATION</td>
<td>TCP/IP OR RS485</td>
<td></td>
<td>TCP/IP OR RS485</td>
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<tr>
<td>WIEGAND INTERFACE</td>
<td>26 BIT, 34 BIT OR CUSTOMIZABLE (8 TO 128 BIT)</td>
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<td>26 BIT, 34 BIT OR CUSTOMIZABLE (8 TO 128 BIT)</td>
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<tr>
<td>ENTRY MODE</td>
<td>CARD, PIN, FINGER, CARD AND/OR PIN, CARD AND/OR FINGER, PIN AND/OR FINGER, FINGER OR CARD</td>
<td></td>
<td>CARD, PIN, FINGER, CARD AND/OR PIN, CARD AND/OR FINGER, PIN AND/OR FINGER, FINGER OR CARD</td>
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<tr>
<td>ENVIRONMENT TEMPERATURE</td>
<td>32°F - 113°F (0°C - 45°C)</td>
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<td>32°F - 113°F (0°C - 45°C)</td>
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<tr>
<td>HUMIDITY</td>
<td>0-80 %, NON CONDENSING</td>
<td></td>
<td>0-80 %, NON CONDENSING</td>
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<tr>
<td>TAMPER</td>
<td>YES</td>
<td></td>
<td>YES</td>
<td></td>
</tr>
<tr>
<td>CONSUMPTION</td>
<td>300 MA (WITHOUT READERS)</td>
<td></td>
<td>300 MA (WITHOUT READERS)</td>
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ORDER INFORMATION

<table>
<thead>
<tr>
<th>MODELS</th>
<th>DESCRIPTION</th>
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<tr>
<td>CONTROL PANELS</td>
<td>CV-352: 2 DOOR TCP/IP &amp; RS485 CONTROLLER, 2 AMP POWER SUPPLY, 40VA TRANSFORMER, AND METAL CABINET</td>
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<tr>
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<td>CV-352E: 2 DOOR EXPANSION RS485 CONTROLLER, 2 AMP POWER SUPPLY, 40VA TRANSFORMER, AND METAL CABINET</td>
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<td>CV-354: 4 DOOR TCP/IP &amp; RS485 CONTROLLER AND RS485 CONTROLLER, 2 AMP POWER SUPPLY, 40VA TRANSFORMER, AND METAL CABINET</td>
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<td>CV-354E: (2) TWO DOOR RS485 CONTROLLERS, (1) 2 AMP POWER SUPPLY, 40VA TRANSFORMER, AND METAL CABINET</td>
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<tr>
<td>2 DOOR SYSTEM KITS</td>
<td>CV-352-K1: TCP/IP &amp; RS485 CONTROLLER, 2 AMP POWER SUPPLY AND METAL CABINET, (2) CV-7400 AWID/HID PROXIMITY READERS</td>
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<tr>
<td>4 DOOR SYSTEM KITS</td>
<td>CV-354-K1: TCP/IP &amp; RS485 CONTROLLER, RS485 CONTROLLER, 2 AMP POWER SUPPLY, METAL CABINET, (4) CV-7400 AWID/HID PROXIMITY READERS</td>
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<tr>
<td>SYSTEM ACCESSORIES</td>
<td>CV-350DK: USB DONGLE KEY FOR SOFTWARE CLIENT SERVER</td>
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<td>CV-350ER: USB BIO DESKTOP ENROLLMENT READER</td>
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<tr>
<td>CAMDEN WIEGAND DEVICES</td>
<td>IN ADDITION TO THE WIEGAND DEVICES INCLUDED WITH CV-350 SYSTEM KITS, CAMDEN OFFERS AN EXTENSIVE RANGE OF ADDITIONAL DEVICES INCLUDING:</td>
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<td>- INDOOR AND OUTDOOR KEYPADS AND READERS</td>
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<td>- VANDAL RESISTANT KEYPADS AND READERS</td>
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TCP/IP ACCESS CONTROL SYSTEM

CV-350 (VER.3.9) 2 DOOR ACCESS CONTROL UNIT

- Programmable Input 1
- Programmable Input 2
- (2) Exit Button
  (NO, mechanical or relay dry contact)
- (2) Door Monitor
  (NC, mechanical or relay dry contact)
- RS485
- TCP/IP Server
- Additional CV-350 Control Units
- Reader Input 1
- Programmable Output 1
  Form 'C' Contact
- Programmable Output 2
  Form 'C' Contact
- Electro Magnetic Lock
- Power Supply

Notes:
- (2) Door Monitor
- (2) Exit Button
- Programmable Input 1
- Programmable Input 2