SOFTWARE HOUSE

From Tyco Security Products

C•CURE 9000 Solutions

IrisAccess™ iCAM 7S Series Iris Reader Integration with C•CURE 9000

Features That Make a Difference:

- Built in high (13.56mhz) and low (125khz) frequency card readers with optional touchscreen LCD keypads that provide multi-factor authentication options

- Fast, fully automatic dual iris capture

- Easy, non-intrusive, non-contact user interface

- Integrated high resolution face capture camera

- Intuitive user interface with visual and audio queues for fast enrollment/identification from the iCAM readers

- Encryption countermeasures and anti-spoof features built into the iCAM hardware and EAC software

- Standards-based image quality that assure compliance with government programs

- High accuracy 1:N and 1:1 capabilities

- High speed for high throughput

- Non-contact for clean and hygienic authentication

- Optional integrated contactless smart card reader

- Capacity for optional built-in third-party surveillance cameras

- Easy installation and low maintenance

- Remote Management

- Stand-alone door access capability

- Onboard Time and Attendance capabilities with built-in transaction logs

- Flush or recess mounting options

- Iris ID algorithm recognized and tested by NIST

The integration between the C•CURE 9000 security and event management system and Iris ID's IrisAccess™ iCAM 7S Series iris readers provides a powerful, multi-factor biometric identity solution. The result is a secure, versatile, and flexible biometric access control management system. When used with C•CURE 9000, the readers become part of a powerful security management system that can monitor events, manage personnel, create reports and operate from one user interface.

The iCAM 7S Series features fast, fully automatic dual iris capture and a non-contact, hygienic reader capable of rapid iris authentication. iCAM 7S Series provides greater image quality for superior enrollment and highly accurate recognition from 14 inches away. The reader has a patented holographic targeting mirror which is just one part of an intuitive and interactive interface that includes voice and visual feedback for increased speed. A new, rapid, auto-tilt

capability further enhances speed and convenience or a simple touch can adjust for height. Auto-tilt can be utilized when combined with cards or PINs. A face image can also be obtained during enrollment to streamline badging and visitor management applications as well as a space for an optional surveillance camera is provided.

iCAM 7S Series' intuitive user interface employs audio and visual cues to facilitate fast enrollment from the edge, while built in high and low frequency card readers and an optional LCD touchscreen keypad provide for single, double and triple authentication modes. Security features built into the iCAM hardware and Entry Access Control (EAC) software prevent tampering. High resolution, standards-based image quality makes the readers ideal for use in government deployments.

Each reader has a database capability of 100,000 people and a transaction log capability of up to one million transactions per reader, making the iCAM 7S Series readers suitable for high throughput areas.

IRIS ID
Advanced Identity Authentication™

Specifications

C•CURE 9000 Compatibility . . Version 2.50 or higher

Physical

Dimensions (W x H x D). . . . . .178 x 211 x 64 mm (7.01 x 8.31 x 2.52 in)
Weight. . . . . .1.6kg (3.5 lbs)
Touchscreen LCD Display . . . .4.3 in / 480 x 272 pixels
Pin Pad . . . . .Pop-up on screen

System

C•CURE 9000 Version . . . . . .Version 2.50 or greater
Status LED . . . . .Multi color – red, green, blue for status
   and alarm indication
Iris Operating Range
Indicator . . . . .Dual color – orange (out of range),
   green (in range)
Voice Indication . . . . .English and Korean standard,
   other languages available
Iris Capture Range. . . . . .28~37 cm (11~15 in)
User Input . . . . .Six user definable function keys
Flash . . . . .High output LED flash for face capture
Face Image Camera . . . . .Face camera CMOS – 5MP
   Iris and Face Camera
Rotation Angle. . . . .+35°/-25°

Reader Database Capacity . . .100,000 users (based on license)
Transaction Log Capacity . . . .Up to 1,000,000 transactions stored on device,
   unlimited on server
Relays x 2 (Door and Other) . .Control for all electric locking mechanisms and
   auxiliary relay for user- defined operation
Communications . . . . .Ethernet (LAN, WAN), RS232, RS485, RS422)
Inputs/Outputs . . . . .Embedded card reader (optional), Wiegand In,
   Weigand Out, dry contact relay x 2,
   programmable GPIO x 4
Equipment Supplied . . . . .Instruction manual and hardware guide

Electrical

Power Input/Consumption. . . .12~24V DC, 2.0 Amps @ 12V DC / 24W
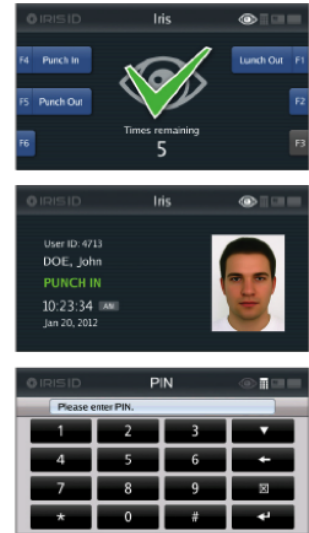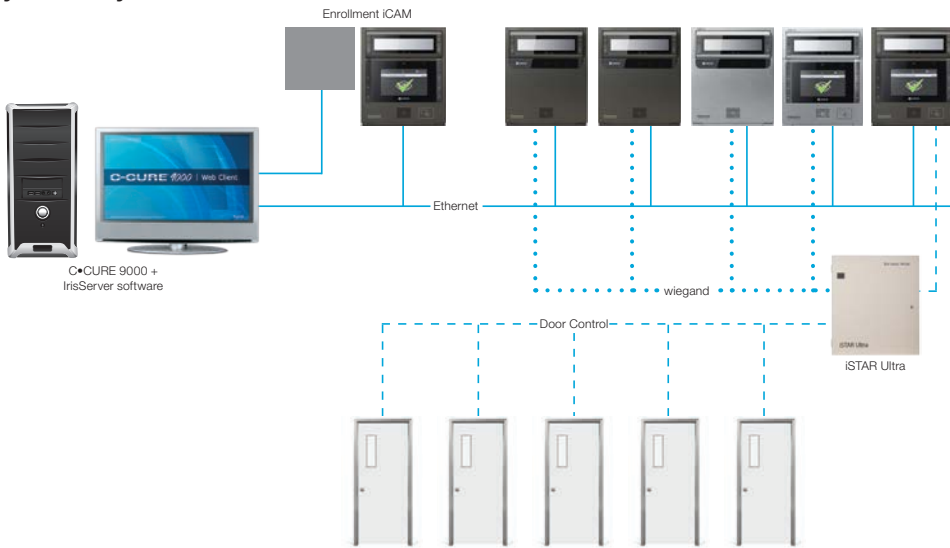
Environmental

Operating Temperature . . . . . .0°~45°C (32°~113°F)
Storing Temperature . . . .-20°~95°C (-4°~203°F)
Humidity . . . . .Up to 90% non-condensing

Regulatory

Agency Certifications. . . . . . . .UL294, ISO Standard, CE, FCC, KC,
   Eye Safety, IEC, KISA

System Layout

1. The orange ● turns to green ● when user is at correct distance.
2. Visual indication is complemented with friendly audio prompts.
3. Right and left iris images are aquired.
4. A face picture can also be captured.

Related Products

C•CURE 9000   iStar Ultra   iStar Ultra SE   Software House RM Readers Readers

Approvals