

Features

Dimensions (W x H x D)	7.08" x 5.39" x 1.18" (180mm x 137mm x 30mm)
Weight	1.2lbs (543g)
Type	Walk-up
Technology	OneCAM™ Technology for Iris capturing
Power Input / Consumption	12 - 24 VDC (auto - +/- 500 mv ripple voltage industry standard) / Max. 30watt
OS	Android OS 7.1
User Interface	Self-guidance with displayed images in LCD
Operation	Enrollment, Recognition, Capturing (image or template) Iris Only (default), Iris+Pin, Iris+ Card (external)
User Capacity	Up to 2,500 1:N, 100,000 1:1 users
Transactions	log transferring to Server after operation Number of transaction logs on device DB: 1,000,000 (100,000 with Face Audit) Enable/Disable setting /Time, ID, Action, Result, Scene image etc
Encryption	User DB / No encryption in Log DB / AES256
Matching Speed	Less than 1 sec (TBD)
Languages	Support multiple languages and characters simultaneously. English & Korean / Additional language pack downloadable*
Tilt	Motorized/Auto (Range: -25 ~ +25 Degree) Up/down button in LCD (Touch, if necessary)
CPU	Cortex A-53 Octa Core
Memory	8GB
Tamper	Supported
Algorithm	IrisCapture / DualEyeInfo™ / Countermeasure & Lens detection
RTC	Rechargeable battery
TOF	Proximity detection
Connectivity	Ethernet or Wi-Fi (optional dongle type)
Certifications	CE, FCC, KC, Eye Safety, UL294
Temperature / Humidity	Operating: 32 ~ 113F (0 ~ 45 °C) / TBD Storage: -4 ~ 194F (-20 ~ 90 °C) / 90% uncondensed

Optics

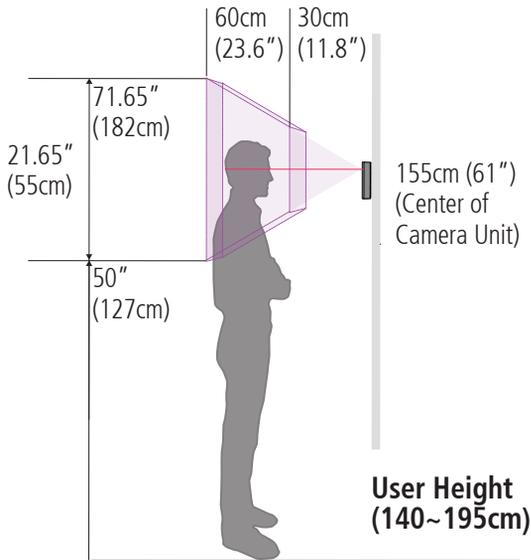
Distance Sensing	Dual Sensors for high accuracy
Iris / Face Camera	5MP B/W CMOS image Sensor / 5MP Color CMOS image Sensor
Image Resolution	ISO Compliant
F/#	F/2.4
AF	Iris Camera: Auto Focus Face Camera: Auto Focus
Output Image / Template	Iris Template : 512 byte per eye, Face Template TBD Byte. Face Image (Preview): 480 x 640 Face Image (Streaming): 720x1280 Face Image (Capture Mode): 480x640, 960x1280, 1920x2560
Iris Capture IR LED	ANSI ISO Eye Safety certified
Iris Camera Operating Range	Iris Camera 11.8 ~ 23.6" (300 ~ 600mm)
Face Camera Operating Range	Face Camera 11.8 ~ 29.5" max (300mm ~ 750mm)

External Interfaces

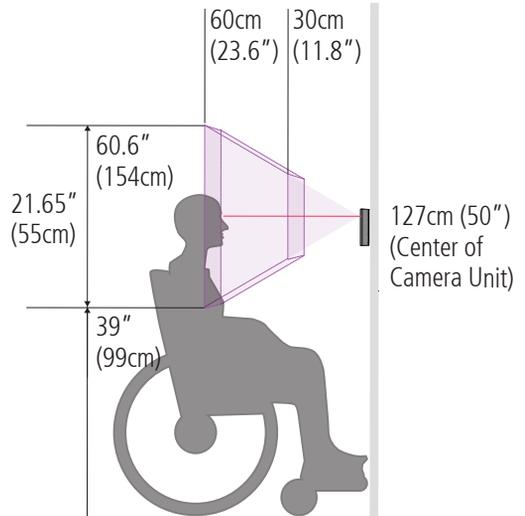
Serial	RS232 for external smart card reader OSDP (RS485) for external access panel or external card reader
Relay	1 Dry contact for Door/Gate activation
GPIO	Configurable 2 GPIO's- Programmed by application developer
USB	USB 2.0 Host for DB up/download
Connectivity	Wired Ethernet or Wireless LAN (Optional accessory)
Wiegand	Wiegand In/Out (flexible up to 200 bits and pass through to the access panels)
Speaker	27x20mm, 89dB at 1 meter

Installation

NOTE When average user height is 170cm



NOTE For average for wheelchair User (127cm)



NOTE When average user height is 170cm

