

Specifications

Category	CS-40	CS-20	CS-20P
Product			
Max. User	500,000 ⁽¹⁾	500,000	
Max. Credential (1:N)	Face: 4,000 ⁽²⁾	-	
Max. Credential (1:1)	Face: 30,000 ⁽²⁾ Card: 500,000 PIN: 500,000	Card: 500,000 PIN: 500,000	
Max. Text Logs	5,000,000	5,000,000	
Ethernet	10/100 Mbps, Auto MDI/MDI-X	10/100 Mbps, Auto MDI/MDI-X	
RS-485	5 ch	3 ch	
RS-485 Communication Protocol	OSDP V2 compliant	OSDP V2 compliant	
Wiegand	4 ch	2 ch	
Relay Output	4 (via module)	4 built-in	
Supervised Input	8 ch ⁽³⁾	6 ch ⁽³⁾	
AUX Input	2 ch (Power Fail, Tamper)	3 ch (Power Fail, Tamper, Fire)	
SAM Slot	-	-	Supported
Max. Slave Devices (RS-485)	64 (max 31/port)	4 devices	
Max. Wiegand Devices	132 (with DM-20)	2	
CPU	1.4 GHz Octa Core	1.2 GHz Single Core	
Memory	8 GB Flash + 1 GB RAM	4 GB Flash + 256 MB RAM	
Crypto Chip	Supported	Supported	
LED	Multi-color	Power: Red, Status: Multi-Color	
Operating Temperature	0°C ~ 50°C (32°F ~ 122°F)	0°C ~ 50°C (32°F ~ 122°F)	
Tamper	Optional (ENCR-10)	-	
Power	12 VDC/24 VDC, Max 0.2A/0.1A	12 VDC/24 VDC, Max 2.8A/1.4A	
Dimensions (W x H x D mm)	150 x 214 x 21	100 x 190 x 33.9	
PoE+	-	-	Supported
Certifications	CE, UKCA, KC, FCC, RCM, RoHS, REACH, WEEE, ETL Listed to UL 294	CE, UKCA, KC, FCC, RCM, IC, RoHS, REACH, WEEE, EAC	

(1) The number of users registered without any credential data.

(2) FaceStation 2 and FaceLite are available only.

(3) Input or Supervised Input selectable.

- If CoreStation is a master device and a device with a fingerprint sensor is connected as a slave, the slave device can be used for fingerprint authentication.
- Max. Fingerprint Credentials (1:N): 100,000 / Max. Fingerprint Credentials (1:1): 500,000



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