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No Software Licensing Fees



ANSI/ISO Fingerprint Templates



Single Enrollment for all devices

## Application Comparison



	MERGE CR (Card Reader Only)	MYCRO	MERGE	SENSE 2 S Series	TOUCH 2 S Series	SENSE 2 L Series	TOUCH 2 L Series	TITAN FPU Series	TITAN FPL Series	TITAN FV Series
IP65	•	•	•	•	•	•	•	•	•	•
Biometric Access Control	-	•	•	•	•	•	•	•	•	•
Power over Ethernet	•	-	•	•	•	•	•	•	•	•
Finger + Card	-	•	•	•	•	•	•	•	•	•
Finger + Card + PIN	-	-	•	-	•	-	•	•	•	•
Time Tracking	-	-	•	-	•	-	•	•	•	•
Lumidigm Sensor for poor fingerprints	-	-	-	-	-	•	•	•	•	•
Spoof Detection	-	-	-	-	-	•	•	•	•	•
Outdoor Use	-	-	-	-	-	•	•	•	•	•
Harsh Environments	-	-	-	-	-	•	-	•	•	•
High Throughput	-	-	-	-	-	-	-	•	•	•
Face + Finger + Card + PIN	-	-	-	-	-	-	-	•	•	•
Vascular Recognition	-	-	-	-	-	-	-	-	-	•
Applications	Access Control	Access Control Smart Buildings	Access Control Time Tracking Smart Buildings	Access Control Smart Buildings	Access Control Time Tracking Smart Buildings	Access Control Smart Buildings	Access Control Time Tracking Smart Buildings	Access Control Time Tracking Smart Buildings	Access Control Time Tracking Smart Buildings	Access Control Time Tracking Smart Buildings

## Feature Comparison



	MERGE CR	MYCRO	MERGE	SENSE 2 S Series	SENSE 2 L Series	TOUCH 2 S Series	TOUCH 2 L Series	TITAN FPU Series	TITAN FPLV Series	TITAN FV Series
<b>Biometric</b>	Card Only	Fingerprint	Fingerprint	Fingerprint	Fingerprint	Fingerprint	Fingerprint	Face & Fingerprint	Face & Fingerprint	Face & Finger Vein
<b>Sensor</b>	-	SecuGen Optical	NEXT Active Thermal	SecuGen Optical	Lumidigm Mercury	SecuGen Optical	Lumidigm Mercury	FBI Certified SecuGen Optical	Lumidigm Venus	Hitachi Finger Vein
<b>Authentication</b>	Card Only	Fingerprint, Card	Fingerprint, Card, PIN	Fingerprint, Card	Fingerprint, Card	Fingerprint, Card, PIN	Fingerprint, Card, PIN	Face, Fingerprint, Card, PIN	Face, Fingerprint, Card, PIN	Face, Finger Vein, Card, PIN
<b>User Templates</b>   (1:N)   (1:1)	- 5K	20K 50K	10K 50K	40K 200K	40K 200K	40K 200K	40K 200K	100K 1 million	100K 1 million	4K 1 million
<b>Face Templates</b>   (1:N)   (1:1)	- -	- -	- -	- -	- -	- -	- -	100K 500K	100K 500K	100K 500K
<b>Log Capacity</b>	25K	100K	100K	500K	500K	500K	500K	1 million	1 million	1 million
<b>Communication</b>	Ethernet, RS485, USB	Ethernet, RS485, RS232, USB	Ethernet, RS485, USB	Ethernet, RS485, RS232, USB	Ethernet, RS485, RS232, USB	Ethernet, RS485, RS232, USB	Ethernet, RS485, RS232, USB	Ethernet, RS485, RS232, USB	Ethernet, RS485, RS232, USB	Ethernet, RS485, RS232, USB
<b>Internal Relay</b>	•	•	•	•	•	•	•	•	•	•
<b>Wiegand</b>	Up to 512 bits	Up to 512 bits	Up to 512 bits	Up to 512 bits	Up to 512 bits	Up to 512 bits	Up to 512 bits	Up to 512 bits	Up to 512 bits	Up to 512 bits
<b>Power over Ethernet</b>	•	-	•	•	•	•	•	•	•	•
<b>Power Supply</b>	12VDC @ 1 Amp	12VDC @ 1 Amp	12VDC @ 1 Amp	12VDC @ 1 Amp	12VDC @ 1 Amp	12VDC @ 1 Amp	12VDC @ 1 Amp	12VDC @ 2 Amp	12VDC @ 2 Amp	12VDC @ 2 Amp
<b>Outdoor Rating</b>	IP65	IP65 & IK08	IP65	IP65 & IK08	IP65 & IK08	IP65 & IK08	IP65 & IK08	IP67 & IK10	IP67 & IK10	IP67 & IK10
<b>Operating Temp.</b>	0 to 60°C (32 to 140°F)	-20 to 60°C (-4 to 140°F)	0 to 60°C (32 to 140°F)	-20 to 60°C (-4 to 140°F)	-20 to 60°C (-4 to 140°F)	-20 to 60°C (-4 to 140°F)	-20 to 60°C (-4 to 140°F)	-25 to 75°C (-13 to 167°F)	-25 to 75°C (-13 to 167°F)	-25 to 75°C (-13 to 167°F)
<b>Panel Feedback</b>	-	•	-	•	•	•	•	•	•	•
<b>Wi-Fi &amp; BT</b>	-	-	-	-	-	Optional	Optional	•	•	•
<b>Camera</b>	-	-	-	-	-	5 MP	5 MP	21 MP	21 MP	21 MP
<b>LCD</b>	-	-	2.0" IPS LCD	-	-	2.4" IPS LCD	2.4" IPS LCD	5.0" IPS LCD	5.0" IPS LCD	5.0" IPS LCD
<b>Screen</b>	-	-	Corning Gorilla Glass	-	-	Corning Gorilla Glass	Corning Gorilla Glass	Corning Gorilla Glass	Corning Gorilla Glass	Corning Gorilla Glass
<b>Audio</b>	Speaker	Multi-tone Buzzer	Speaker	Speaker & Mic	Speaker & Mic	Speaker & Mic	Speaker & Mic	Stereo Speaker & Mic	Stereo Speaker & Mic	Stereo Speaker & Mic
<b>Tamper Proof</b>	•	•	•	•	•	•	•	•	•	•
<b>Battery</b>	-	-	-	-	-	Accessory	Accessory	Accessory	Accessory	Accessory
<b>Environments</b>	Indoor	Indoor	Indoor	Indoor	Indoor & Outdoor	Indoor	Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor
<b>Colors</b>	White & Gold Black & Chrome	Black & Chrome	White & Gold Black & Chrome White/Black & Chrome	Black & Chrome	Black & Titanium	White & Gold Black & Chrome	Black & Chrome Black & Titanium	Brushed Aluminium Carbon Black	Carbon Black	Brushed Aluminium Carbon Black
<b>Device Models</b>	CR	FP1, FP2, FP3, FP4, FP5	FP22 FP4	FP1, FP2, FP3, FP4, FP5	FPL1, FPL2, FPL3, FPL4, FPL5	FP1, FP2, FP3, FP4, FP5	FPL1, FPL2, FPL3, FPL4, FPL5	FPU1, FPU2, FPU5	FPLV1, FPLV2, FPLV5	FV1, FV2, FV5

CR - Card Reader (MiFARE / DESFire)

FP - NEXT Active Thermal Sensor or SecuGen Optical Sensor

FPL - Multispectral Lumidigm Mercury Sensor

FPU - FBI Certified SecuGen Optical Sensor

FV - Hitachi Finger Vein Sensor

FPLV - Multispectral Lumidigm Venus Sensor

1 - Finger Only

2 - EM Prox / MiFARE / DESFire

22 - MiFARE / DESFire

3 - HID Prox

4 - iCLASS / MiFARE / DESFire

5 - EM Prox / HID Prox / iCLASS / MiFARE / DESFire