COSEC NGT FCX

Fingerprint and Card based Door Controller with Touch Screen LCD

GENERAL	
Credential Support	Fingerprint, Card and PIN
Display	7" TFT Display with Capacitive Touch Panel
Camera	Yes (1.3 MP)
Voice Guidance	Yes

DISPLAY	
Display Size	800 x 480mm
Size of Wallpaper	512 Kb

CAPACITY	
User Capacity	10,000
Template Storage Capacity	9,600
Template Per User	Up to 10 (Single Template per Finger Mode)
	Up to 5 (Dual Template per Finger Mode)
Cards Per User	Up to 2
Types of Cards Support	EM Prox, HID Prox, HID iCLASS and Mifare (COSEC CPM Module Required)
Event Buffer	100,000

COMMUNICATION	
Ethernet	Yes (10/100 Mbps)
PoE	Yes (IEEE 802.3 af)
Wi-Fi	Yes (802.11 b/g/n)
Mobile Broadband	Yes (2G/3G Support)
Battery Backup	No Internal Battery Backup, External Through PSBB

INTERFACES	
Exit Switch	Yes
Door Status Sense	Programmable NO, NC, Supervised
Door Lock Relay	Form C, SPDT Relay (Max 2A@30 VDC)
Door Lock Power	Internal 12VDC @ 0.5A or External
Aux-In	Programmable NO, NC, Supervised
Aux-Out	Form C, SPDT Relay (Max 2A@30 VDC)
Reader Interface Types	RS-232, and Wiegand IN only
USB	2 USB Ports
	(1 for Data Transfer and 1 for 2G-3G Dongle)
2G/3G Dongle Specification	Any

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AUDIO-VISUAL	
LED	Single LED
Speaker	Yes
Buzzer	Yes

CONFIGURATION	
CPU	400 MHz ARM 9 based Processor
Flash Memory	256 MB Flash
RAM Memory	128 MB DDR2 RAM
Micro SD Card	Yes (Inbuilt 4 GB)

ELECTRICAL	
Input Power	12 VDC @ 2A

PHYSICAL	
Dimensions (WxHxD)	245 x 130 x 45mm (9.6" x 5.1" x 1.7")
Weight	0.49 Kgs (1.07 Lbs)

ENVIRONMENTAL	
Humidity	5% to 85% RH Non-Condensing
Operating Temperature	0°C to +50°C (32°F to 122°F)

OTHERS	
System Integration	Software API for Software Integration
Operational Mode	Direct Door with COSEC CENTRA Server I Panel Door with COSEC PANEL LITE V2
Tamper Detection	Yes

SENSOR SPECIFICATIONS	
Sensor Technology	Suprema Capacitive Sensor
Sensing Area	12.8mm x 18.0mm (0.50" x 0.70")
Image Size in Pixels	256 x 360
Image Resolution in DPI	508
Identification Time	< 650 msec
Verification Time	< 500 msec
Equal Error Rate (ERR)	< 0.1%

ABOUT MATRIX

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Due to continuous technology upgradations, product specifications are subject to change without notice.