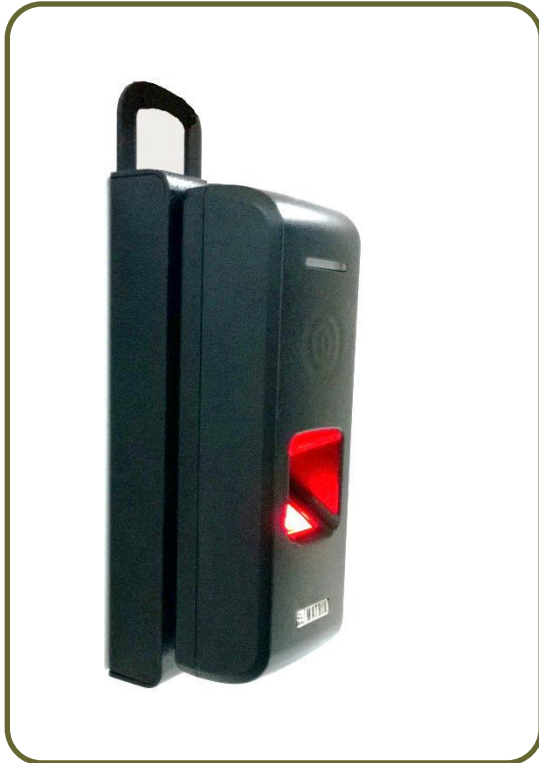


COSEC PATH DCFE

**Fingerprint and EM Proximity Card
based Door Controller with Battery
Backup**



Technical Specifications

Application	Access Control and Time-Attendance
Credential Support	Fingerprint and EM Proximity Card (125Khz)
Fingerprint Module Type	Optical
Fingerprint Templates	9,600
Finger Templates Per User	10
Fingerprint Verification	1:1 and 1:N
Cards per User	2
Events Buffer	50,000
User Capacity	2,000 (when Used as a Direct Door)
LED Indication	Tri Color LED (Allowed, Denied/Alarm and Status)
Buzzer	Yes
Communication	Ethernet and RS-485
Communication Speed	10/100Mbps on TCP/IP and 115.2Kbps on RS-485
External Reader Types	1 Port for Card/ Finger/ Card+Finger/ UHF Reader
External Reader Interfaces	RS-232 and Wiegand
External Reader Power Output	Internal 12VDC @ 0.5A or External
Exit Switch Port	Yes
Door Status Sense	Programmable NO, NC, Supervised
Door Lock Relay	Relay SPDT, Form C, 1A@30VDC
Door Lock Power	Internal 12VDC@0.5A or External
Tamper Detection	Yes
CPU	32-Bit Micro-Controller
Flash Memory	512KB Internal + 2MB External
RAM Memory	128KB SRAM
Input Power	12VDC@2A
Power over Ethernet (PoE)	Yes
Dimensions (WxHxD)	50 x 160 x 42mm (1.96"x 6.29"x 1.65")
Weight	0.225Kg (0.49Lbs)
IP65 (Waterproof)	Yes
Temperature	0 ^o C to +50 ^o C (32 ^o F to 122 ^o F)
Humidity	5% to 95% RH Non-Condensing

Battery Pack

Product Type	Lithium Polymer Battery
Battery Size	7.4V 3000mah
Battery Chemistry	Lithium Polymer
Battery Pack Dimensions	Length - 80.5 mm
	Width - 50.5 mm
	Height - 12.8 mm

Technical Specifications

ITEM	SPECIFICATION	REMARK
Nominal Capacity	3000(mAh)	0.2Cdischarge
Minimum Capacity	3000 (mAh)	0.2Cdischarge
Nominal Voltage	7.4 V	0.2Cdischarge
Discharge Cut-off Voltage	5.0V	
Standard Charge Current	0.2C5A	Working Temperature 0°C to +45°C
Fast Charge Current	1.0C5A	Working Temperature 0°C to +45°C
Charge Cut-off Voltage	8.4V ± 0.03 V	CC/CV
Standard Discharge Current	0.2C	Working Temperature -20°C to +60°C
Max Discharge Current	2.0C	Working Temperature 0°C to +60°C
Impedance	≤270 mΩ	50% Charged, AC 1KHz
Weight	About 65g	
Storage Humidity	65±20% RH	