ENTRYPASS

EP.NMINI

EntryPass Compliance Sheet

SPECIFICATION FOR ARCHITECTS, CONSULTANTS AND
ENGINEERS (PHASE1 – V1.00)

ITEM	DESCRIPTION	TENDERER'S DATA & COMPLIANCE

General Specification:

ITEM	DESCRIPTION	TENDERER'S DATA & COMPLIANCE
Manufacturer	EntryPass	
Country of manufacturer	Malaysia	
Model	EP.NMINI	
MCU model	Freescale	
MCU Bit	32-bit	
Operating frequency	50 MHz	
EEPROM/Flash	512K bit / 256K byte	
RAM type	Flash memory	
RAM capacity	32k byte	
Onboard watchdog	YES	
Onboard buzzer	YES	
Onboard relay	YES (2 relay)	
Real time clock	YES	
Battery back-up for memory	YES (3V)	
Operating temperature	0 °C to 40 °C	
Card user capacity	10000 cards	
Transaction capacity	20000 transactions	
Digital input	2	
Communication type	TCP/IP	
Built in reader module on the controller	YES	
Number of reader can be connected	1 (exit reader)	

ActiveTransmit transaction	YES	
ActivePush card downloading capability	YES	
ActiveDiagnose message	YES	
ActiveCard Searching	YES	
ActiveResponse	YES	
Built-in web server	YES	
Upgradable firmware via built-in web server	YES	
Peer to peer antipassback (Global Antipassback)	YES	
Wizard based configuration	YES	
Configurable reader location	YES	
Relay mirror capability	YES	
Time and date display	YES	
Controller come with keypad and LCD display	YES	
Buzzer acknowledgement upon any action detected	YES	
Interactive graphical LCD message display	YES	
User friendliness programming mode	YES	
Anti-sabotage encrypted lock control unit	YES	
Anti unit swapping on NMINI reader	YES	
Support multi network architecture	YES	

Protection:

Reverse polarity protection   YES   _____

Surge protection   YES (600A)   _____

Resetable fuse   YES   _____

Power Specification:

Input voltage   12VDC   _____

Current consumption   300mA   _____

Power Supply Unit:

Model   SMPS 300   _____

Input voltage   230VAC   _____

Output voltage   13.2VDC   _____

Maximum output current   3A   _____

Regulated output   YES   _____

Voltage low cut-off   YES   _____

Voltage low cut-off
 threshold   10VDC   _____

Restoration threshold   12VDC   _____

Battery charging terminals   YES (12VDC 7AH)   _____

Fuse protection   YES (AC input and DC)   _____

On board ON/OFF switch   YES   _____

Physical Dimension And Weight Measurement:

a) NMINI Reader Keypad Display Interface Unit

Dimension (W x L x H)	65mm x 115mm x 23mm
Weight	120g
Cover material	ABS
Keypad material	Silicon Rubber
LCD screen material	Polycarbonate

b) NELC (Networked Encrypted Lock Control)

Dimension (W x L x H)	155mm x 69mm x 26mm
Weight	120g
Cover material	ABS

c) Casing

Dimension (W x L x H)	289mm x 309mm x 85mm
Weight	1040g
Weight (With power supply unit)	1400g
Casing material	ABS

Visual Indicator

Keypad LED	YES
Heartbeat LED	YES
Door left open LED	YES
Door force open LED	YES
Communication LED	YES

Other Specification:

Type of usage	Stand-alone
	PC link-up (Controller To PC)
Type of reader module	Wiegand
	HiD iClass
	HiD Prox
	Mifare
Controller type of mode	Single door mode
Operation modes	Card, PIN only or Card plus PIN
Card Reading Range	3-5cm
Time set	255 sets with 3 intervals
Time zone	255
Access level	255
Holiday	365
Door open pin	3 sets
Facility codes	3 sets

Door release time	99 seconds (max)	_____
Door open time	99 seconds (max)	_____
Antipassback feature	YES	_____
Antipassback lockout count	YES	_____
Card plus pin feature	YES	_____
Card plus pin lockout	YES	_____
Buddy mode feature	YES	_____
Guard tour feature	YES	_____
Fire release feature	YES	_____
Auto lock release by time zone control	YES	_____
Exit requesting button control by time zone	YES	_____
Card expiring checking	YES	_____
Inhibit mode	YES	_____

NMINI Reader Keypad Display Interface Unit Display:

Valid card	YES	_____
Invalid card	YES	_____
Inactive card	YES	_____
Wrong Timezone	YES	_____
Open Time	YES	_____
Release Time	YES	_____
Door left open	YES	_____

Door forced open	YES	_____
Wrong site code	YES	_____
Card expired	YES	_____
Antipassback violation	YES	_____
Lockout card	YES	_____
Wrong card pin	YES	_____