ENTRYPASS

EP.L3800

EntryPass Compliance Sheet

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

ITEM	DESCRIPTION	TENDERER'S DATA & COMPLIANCE
General Specification:		
Manufacturer	EntryPass	_____
Country of manufacturer	Malaysia	_____
Model	EP.L3800	_____
MCU model	Freescale	_____
MCU Bit	32-bit	_____
Operating frequency	60 MHz	_____
Memory:	256 KB Flash Memories	_____
	32KB SRAM (Buffer)	_____
	32Mbits non volatile memory (Storage)	_____
Onboard watchdog	YES	_____
Onboard buzzer	YES	_____
Real time clock	YES	_____
Backup battery	YES (Apply to RTC only)	_____
AC fail monitoring	YES	_____
Operating temperature	0 °C to 40 °C	_____
Card user capacity	30000 cards	_____
Transaction capacity	80000 transactions	_____
Communication type	RS232/RS485	_____
Number of reader can be connected	4	_____
Number of floor supported	136	_____

Able to connect to IO board	YES
Number of IO board can be connected	8 (Complete with Expand Board)
Communication type from EP.L3800 to IO board	RS485
Support multiple card bit	YES (up to 64 bit)

Protection:

Reverse polarity protection	YES
Surge protection	YES (Up to 15kA)
Resettable fuse	YES
External short circuit protection (At reader)	YES

Power Specification:

Input voltage	12VDC
Current consumption	350mA

Power Supply Unit:

Model	SMPS 350
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) L3800 controller

Dimension (W x L)	161mm x 118mm	
Weight (PCB only)	300g	

b) Casing

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

Visual Indicator

Heartbeat LED	YES	
Power LED	YES	
Communication LED	YES	

Other Specification:

Type of usage	PC link-up (Controller To PC)	
Type of reader technology	Wiegand	
	HiD iClass	
	HiD Prox	
	Mifare	
	Suprema fingerprint reader (selected model only)	
Controller type of mode	Lift mode	
Time set	255 sets with 3 intervals	
Time zone	255	
Access level	255	
Holiday	365	
Facility codes	3 sets	
AC fail notification	YES	
Card expiring checking	YES	
Lift turn on time (button)	99 seconds (max)	
Floor Bypass Time Zone	YES	