

# ENTRYPASS

**EP.S3100**

## EntryPass Compliance Sheet

SPECIFICATION FOR ARCHITECTS, CONSULTANTS AND  
ENGINEERS (PHASE1 – V1.01)

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>TENDERER'S DATA &amp; COMPLIANCE</u>
<b>General Specification:</b>		
Manufacturer	EntryPass	_____
Country of manufacturer	Malaysia	_____
Model	EP.S3100	_____
MCU model	Freescale	_____
MCU Bit	32-bit	_____
Operating frequency	60 MHz	_____
Memory:	256KB Flash Memory	_____
	32KB SRAM (Buffer)	_____
	32Mbits non volatile memory (Storage)	_____
Onboard watchdog	YES	_____
Onboard buzzer	YES	_____
Onboard relay	YES (2 dry contact relay)	_____
Real time clock	YES	_____
Backup battery	YES (Apply to RTC only)	_____
Operating temperature	0 °C to 40 °C	_____
Card user capacity	3000 cards	_____
Transaction capacity	10000 transactions	_____
Digital/Analogue input	4 configurable inputs	_____
Communication type	RS232/ RS485	_____
Number of reader supported	2	_____
AC fail monitoring	YES	_____

Battery monitoring	YES (firmware threshold control to shutdown controller board)	
Built-in web server	YES	
Upgradable firmware via built-in web server	YES	
Global Antipassback (Software Based)	YES	
Wizard based configuration	YES	
Support multiple card bit	YES (up to 64 bit)	
Onboard & Cross-board interlocking	YES	
Time set	Unlimited time set with 3 intervals each	
Time zone	Unlimited time zone	
Access level	access level up to 255	
Support dynamic reader location	YES	
Support dynamic storage allocation (DSA)	YES	
Support event base triggering	YES	
<b>Protection:</b>		
Reverse polarity protection	YES	
Surge protection	YES (Up to 15KVA)	
Resetable 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) S3100 controller

Dimension (W x L) 158mm x 90mm

Weight (PCB only) 320g

## 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	_____
Event LED	YES	_____
Error LED	YES	_____

**Other Specification:**

Type of reader technology	EM proximity	_____
	HiD iClass	_____
	HiD proximity	_____
	Mifare	_____
	Suprema fingerprint reader (selected model only)	_____
Controller type of mode	IN and OUT Reader	_____
	2 Doors	_____
	IN and OUT Barrier	_____
	2 Turnstiles	_____
	IN and OUT Turnstile	_____

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	_____
User counting (card holder/ car park)	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	_____