

# ENTRYPASS

**EP.N5200**

## EntryPass Compliance Sheet

SPECIFICATION FOR ARCHITECTS, CONSULTANTS AND  
ENGINEERS (PHASE1 – V1.02)

<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.N5200	_____
MCU model	Freescale	_____
MCU Bit	32-bit	_____
Operating frequency	60 MHz	_____
Memory:	256KB Flash Memory	_____
	32KB SRAM (Buffer)	_____
	64Mbits non volatile memory (Storage)	_____
Onboard watchdog	YES	_____
Onboard buzzer	YES	_____
Onboard relay	YES (4 dry contact relay)	_____
Real time clock	YES	_____
Backup battery	YES (Apply to RTC only)	_____
Operating temperature	0 °C to 40 °C	_____
Card user capacity	30000 cards	_____
Transaction capacity	80000 transactions	_____
Digital/Analogue input	8 configurable inputs	_____
Communication type	TCP/IP	_____
Number of reader supported	2	_____
AC fail monitoring	YES	_____

Battery monitoring	YES (firmware threshold control to shutdown controller board)	
ActiveTransmit transaction	YES	
ActivePush card downloading capability	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	
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	Unlimited access level	
Support dynamic reader location	YES	
Support dynamic storage allocation (DSA)	YES	
Support event base triggering	YES	
AES 128 protection (Advanced Encryption Standard)	YES	

**Protection:**

Reverse polarity protection	YES	_____
Surge protection	YES (Up to 15KVA)	_____
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) N5200 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

Network connectivity 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	