M Innovating Safety Solutions LLP
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LLP Identification Number: AAK- 5122

PROTOCOL FOR VIPL RELAY CARD_V2

DEFAULT BAUD RATE: 9600

COMMAND SET

" \r" for Enter Function

" \n" New Line

COMMAND SET FOR OPERATING THE OUTPUT

Existing	New Command Set
MSSLRLYTLSRED0\r	R1,F,60$0d$0a or R1,F,60\r\n
By this command, the control card will drive the device / relay connected to Pin Traffic Light Low.	
MSSLRLYTLSGRN1\r	R1,N,60$0d$0a or R1,N,60\r\n
By this command, the control card will drive the device / relay connected to Pin Traffic Light High.	

Existing	New Command Set
MSSLRLYOHLSRD0\r	R2,F,60$0d$0a or R2,F,60\r\n
By this command, the control card will drive the device / relay connected to Pin OHLS Low.	
MSSLRLYOHLSGR1\r	R2,N,60$0d$0a or R2,N,60\r\n
By this command, the control card will drive the device / relay connected to Pin OHLS High.	

Existing	New Command Set
MSSLRLYBGOPEN0\r	R3,F,60$0d$0a or R3,F,60\r\n
By this command, the control card will drive the device / relay connected to Pin Barrier Gate Open Low.	
MSSLRLYBGOPEN9\r	R3,N,60$0d$0a or R3,N,60\r\n
By this command, the control card will drive the device / relay connected to Pin Barrier Gate Open High.	
MSSLRLYBGOPENX\r	R3,N,XX$0d$0a or R3,N,XX\r\n
By this command, the control card will drive the device / relay connected to Pin Barrier Gate Open High for 'XX' seconds, where XX is a number between 01 to 59.	

Existing	New Command Set
MSSLRLYGCLOSE0\r	R4,F,60$0d$0a or R4,F,60\r\n
By this command, the control card will drive the device / relay connected to Pin Barrier Gate Open Low.	
MSSLRLYGCLOSE9\r	R4,N,60$0d$0a or R4,N,60\r\n
By this command, the control card will drive the device / relay connected to Pin Barrier Gate Open High.	
MSSLRLYGCLOSEX\r	R4,N,XX$0d$0a or R4,N,XX\r\n
By this command, the control card will drive the device / relay connected to Pin Barrier Gate Close High for 'XX' seconds, where XX is a number between 01 to 59.	

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Existing	New Command Set
MSSLRLYSIREN00\r	R5,F,60$0d$0a or R5,F,60\r\n
By this command, the control card will drive the device / relay connected to Pin Siren Low.	
MSSLRLYSIREN01\r	R5,N,60$0d$0a or R5,N,60\r\n
By this command, the control card will drive the device / relay connected to Pin Siren High.	

Existing	New Command Set
MSSLRLYSPARE10\r	R6,F,60$0d$0a or R6,F,60\r\n
By this command, the control card will drive the device / relay connected to Pin Spare1 Low.	
MSSLRLYSPARE11\r	R6,N,60$0d$0a or R6,N,60\r\n
By this command, the control card will drive the device / relay connected to Pin Spare1 High.	

COMMAND SET FOR READING THE INPUT

Existing	New Command Set
VARAINPUT1HIGH\r VARAINPUT1LOW\r	No Change
By this command, user can read the status of digital sensor connected @ the referred Pin. By above command we will get to know the status of Input 1. Whenever there is state change the control card will write the above command on the serial port. By replacing 1 with 2, 3, 4, or 5 we will get the status of the relevant pin.	
Not Available	MSSL07M00000000
This command is sent every 10 to 15 Seconds and gives the status of the Current Input State	