

Rajasthan Mines Devices

Configuration Report

Generated on March 10, 2026

Device Configuration Status

Component	Device Status
Server Configuration	✓ Success
RFID Configuration	✓ Success
Top Camera Configuration	✓ Success
Front Camera Configuration	✓ Success
Display Configuration	✓ Success
I/O Controller Configuration	✓ Success
Sensor 1 Configuration	✓ Success
Sensor 2 Configuration	✓ Success
Sensor 3 Configuration	✓ Success
Entry Traffic Light Configuration	✓ Success
Exit Traffic Light Configuration	✓ Success
Entry Boom Barrier Configuration	✓ Success
Exit Boom Barrier Configuration	✓ Success
Digitizer Configuration	✓ Success
Audio System Configuration	✓ Success

IoT Configuration Setup Report

1. Setup Information

Weighbridge Details:	Mahadev Weighbridge
Location:	Meetha Neem
Vendor Company:	TULLA
Verified By:	Kunal
Verification Date:	2026-03-10
Setup Timestamp:	2026-03-10T07:27:26.288Z

2. Server Configuration


IP Address:	192.168.0.200
Port:	8900
Status:	✓ Validated

3. RFID Reader Configuration


IP Address:	192.168.0.202
Port:	2022
Mode:	Server
Make:	tulla
Model:	rfid
Status:	✓ Validated

4. Camera Configuration

Top Camera

RTSP URL:	rtsp://admin:tulla123456@192.168.0.205:554/cam/realmonitor?channel=1&subtyp
Make:	cp plus
Model:	ta21-pl360
Status:	✓ Validated
Image:	

Front Camera

RTSP URL:	rtsp://admin:tulla123456@192.168.0.204:554/rtsp/streaming?channel=1&subtype=
Make:	HIKVISION
Model:	HIPB5PI-LPD
Status:	✓ Validated
Image:	

5. Display Configuration

Type:	api
IP Address:	192.168.0.203
Port:	8000
Make:	TULLA
Model:	DISPLAY
Status:	✓ Validated

6. I/O Controller Configuration

Connection Settings

Type:	ethernet
Output Mode:	relay
IP Address:	192.168.0.201
Port:	502
Timeout:	1
Slave ID:	1
Make:	TULLA
Model:	CONTROLLER
Status:	✓ Validated

Register Mappings

Digital Inputs

Start Address:	0
Count:	8
Function Code:	2
Entry sensor:	Address 0
Platform sensor:	Address 1
Exit sensor:	Address 2

Digital Outputs

Start Address:	0
Count:	8
Function Code:	5

Entry red light:	Address 0
Entry green light:	Address 1
Exit red light:	Address 2
Exit green light:	Address 3
Open entry barrier:	Address 4
Open exit barrier:	Address 5

7. Ultrasonic Sensor Configuration

Sensor 1

Make:	N/A
Model:	N/A
Pin No:	0
Signal When Not Triggered:	LOW
Status:	✓ Validated

Sensor 2

Make:	N/A
Model:	N/A
Pin No:	1
Signal When Not Triggered:	LOW
Status:	✓ Validated

Sensor 3

Make:	N/A
Model:	N/A
Pin No:	2
Signal When Not Triggered:	LOW
Status:	✓ Validated

8. Traffic Lights Configuration

Entry Traffic Light

Make:	TULLA
Model:	TL
Red Pin:	0
Green Pin:	0
Status:	✓ Validated

Exit Traffic Light

Make:	N/A
Model:	N/A
Red Pin:	1
Green Pin:	1
Status:	✓ Validated

9. Boom Barrier Configuration

Entry Boom Barrier

Make:	N/A
Model:	N/A
Open Pin:	2
Close Pin:	2
Status:	✓ Validated

Exit Boom Barrier

Make:	N/A
Model:	N/A
Open Pin:	3
Close Pin:	3
Status:	✓ Validated

10. Digitizer Configuration

Port:	COM3
Baud Rate:	2400
Data Bits:	8
Parity:	N
Stop Bits:	1
Timeout:	2
Stable Count:	5
Conversion Method:	Method 7 - Plain ASCII digits
Make:	-
Model:	-
Status:	✓ Validated

11. Audio System Configuration

Enabled:	Yes
Status:	✓ Validated

✓ The devices have been configured successfully.

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