Below is a list of all parts needed for a unit and the main server setup. These prices aren’t exact, especially the server cost. There might also be additional costs like shipping, so a buffer has been included in the budget.

Each unit will comprise everything in this table except server costs.

|  |  |
| --- | --- |
| **Item** | **Estimated Cost** |
| Server | $150 |
| Raspberry Pi 5 | $70 |
| Protective Case | $50 |
| Server Storage (HDD with RAID setup) | $40 |
| IMX519 Camera | $35 |
| Power Cabling (outdoor) | $30 |
| Climate Sensor | $18 |
| Cables (Pi 5, camera, module) | $15 |
| Micro SD Card | $10 |
| Buffer (15%) | $60 |
|  |  |
| Cost per Unit (no buffer) | $228 |
| **Total** | **$478** |