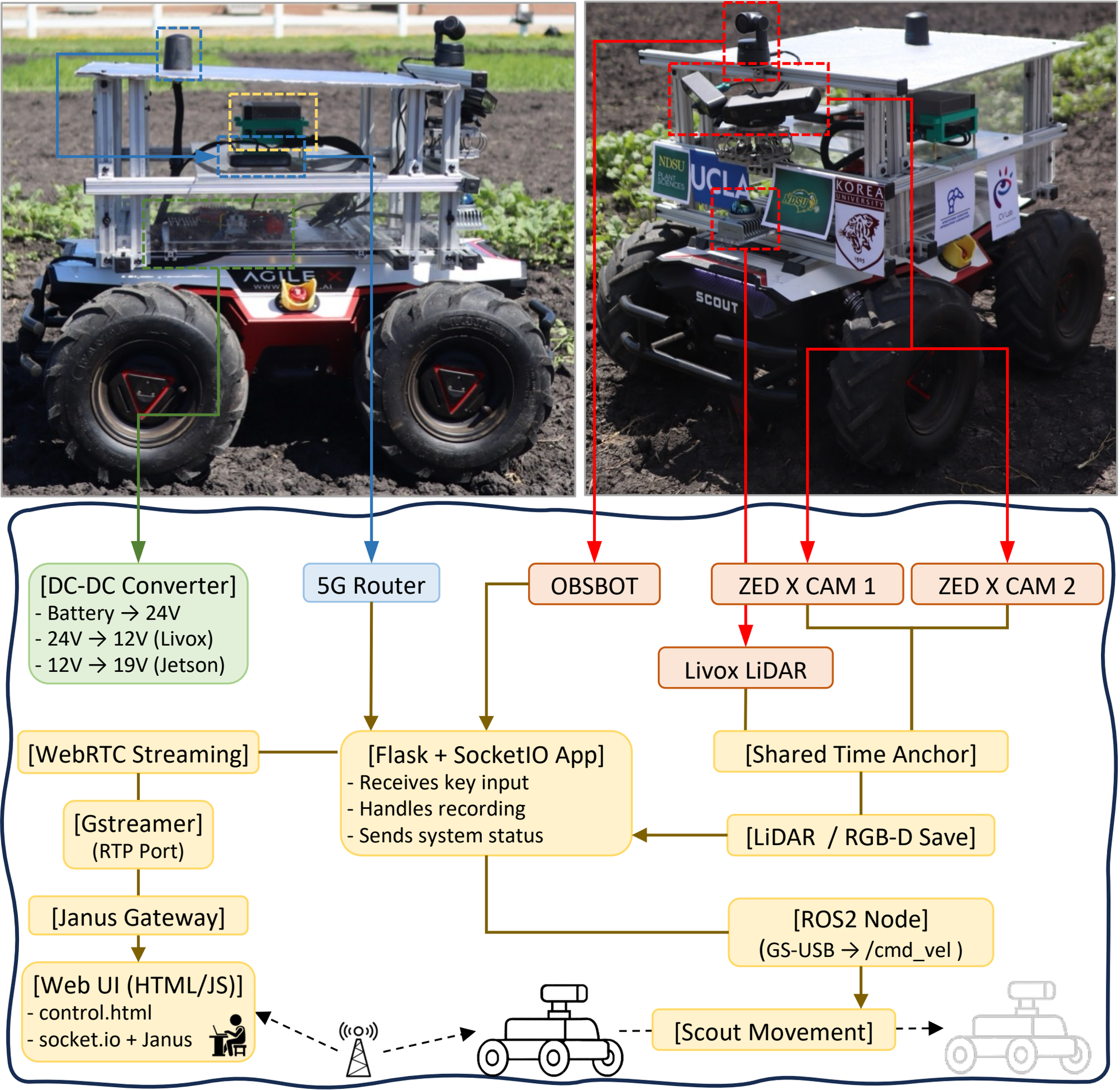
[DC-DC Converter]
- Battery → 24V
- 24V → 12V (Livox)
- 12V → 19V (Jetson)
5G Router
OBSBOT
ZED X CAM 1
ZED X CAM 2
Livox LiDAR
[WebRTC Streaming]
[Flask + SocketIO App]
- Receives key input
- Handles recording
- Sends system status
[Shared Time Anchor]
[Gstreamer]
(RTP Port)
[LiDAR / RGB-D Save]
[Janus Gateway]
[ROS2 Node]
(GS-USB → /cmd_vel)
[Web UI (HTML/JS)]
- control.html
- socket.io + Janus
[Scout Movement]