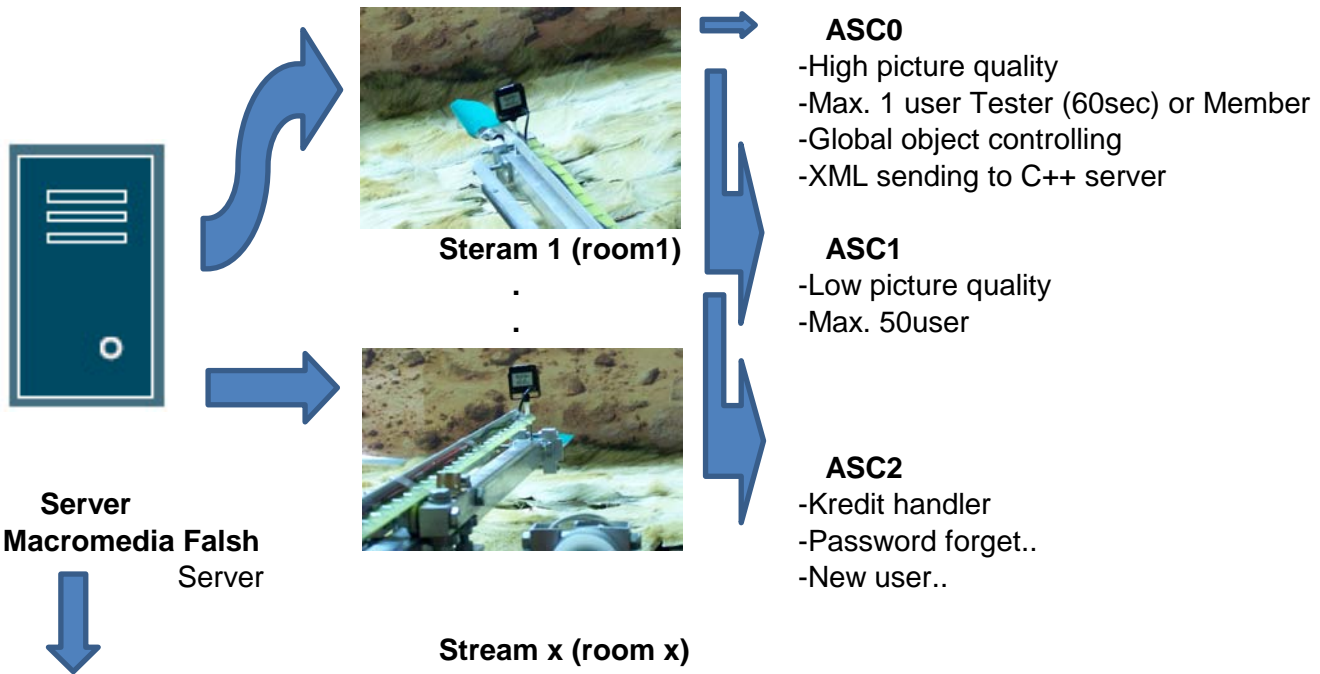
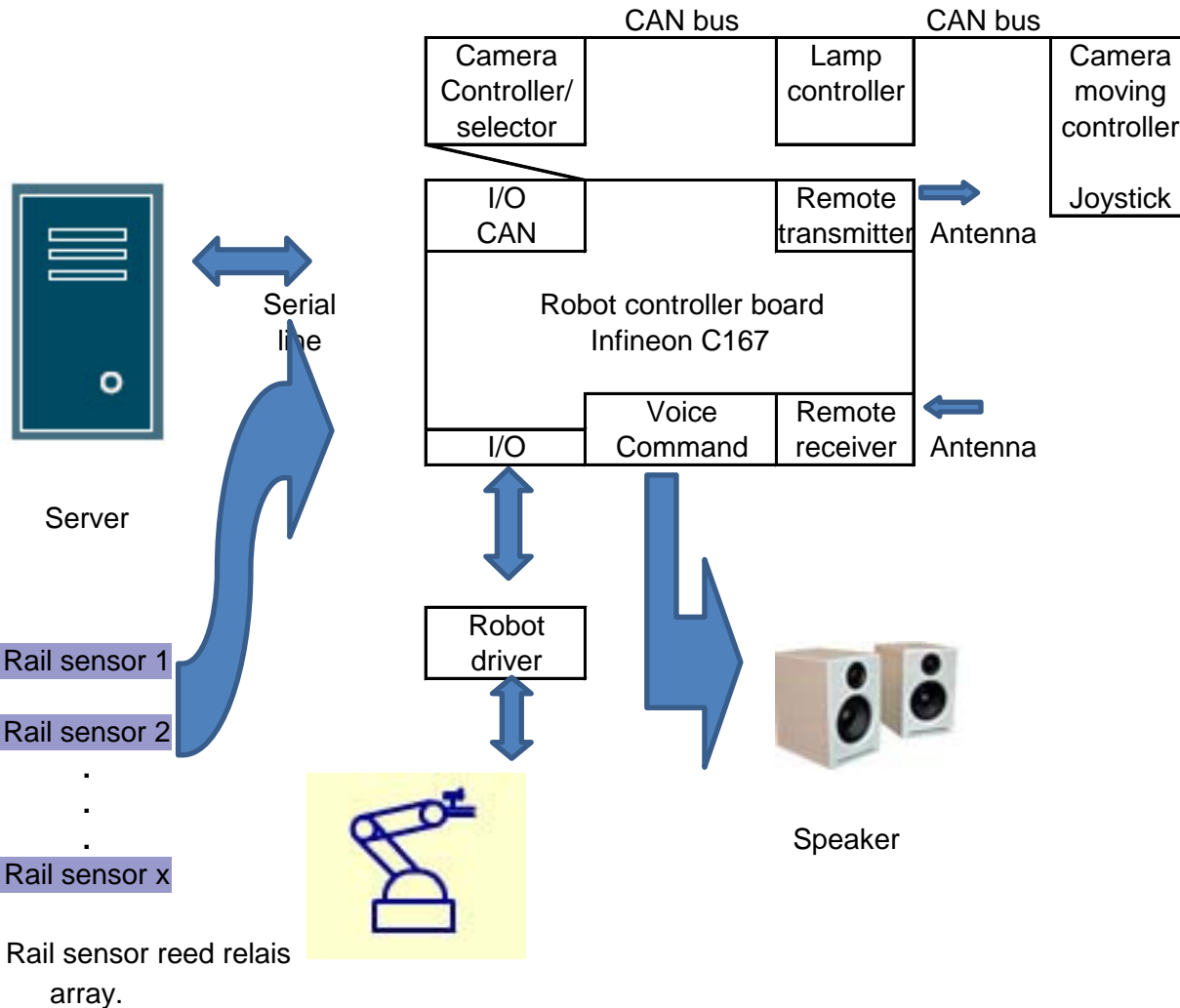


Studio Architecture

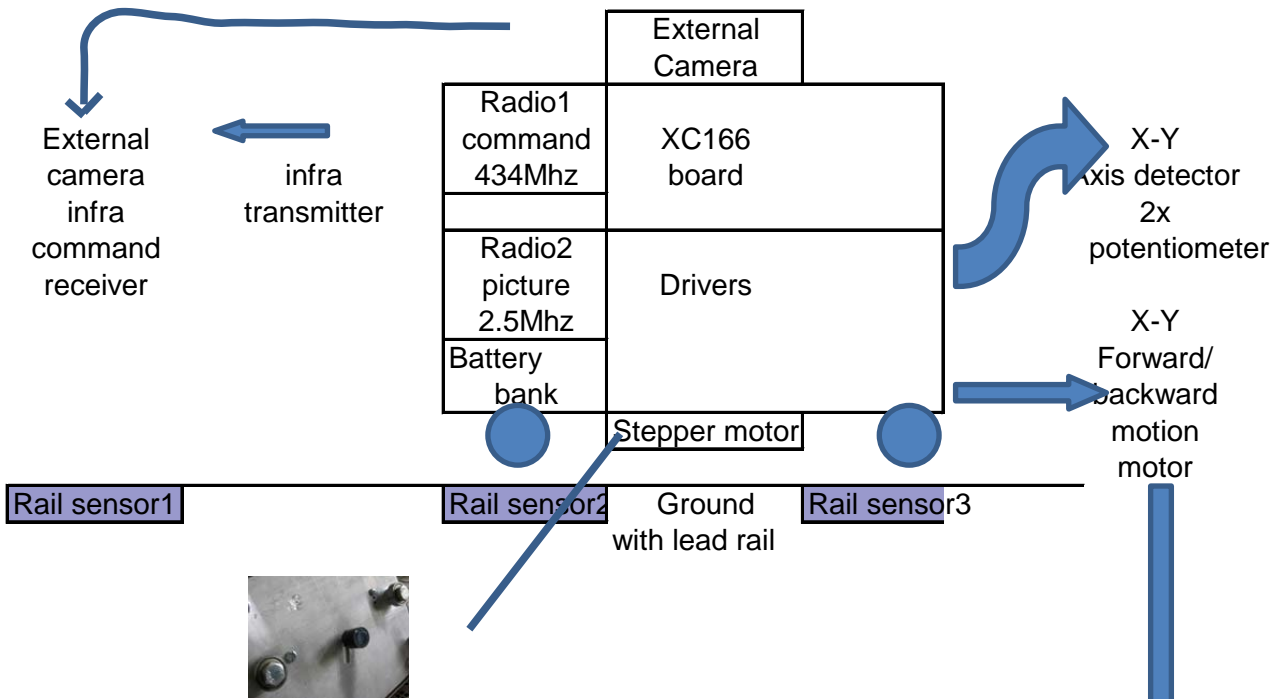


C++ Server
 -Robot controlling XML-->Serial
 -XML1 Send new client mail
 -XML2 Send recovery passowrd mail

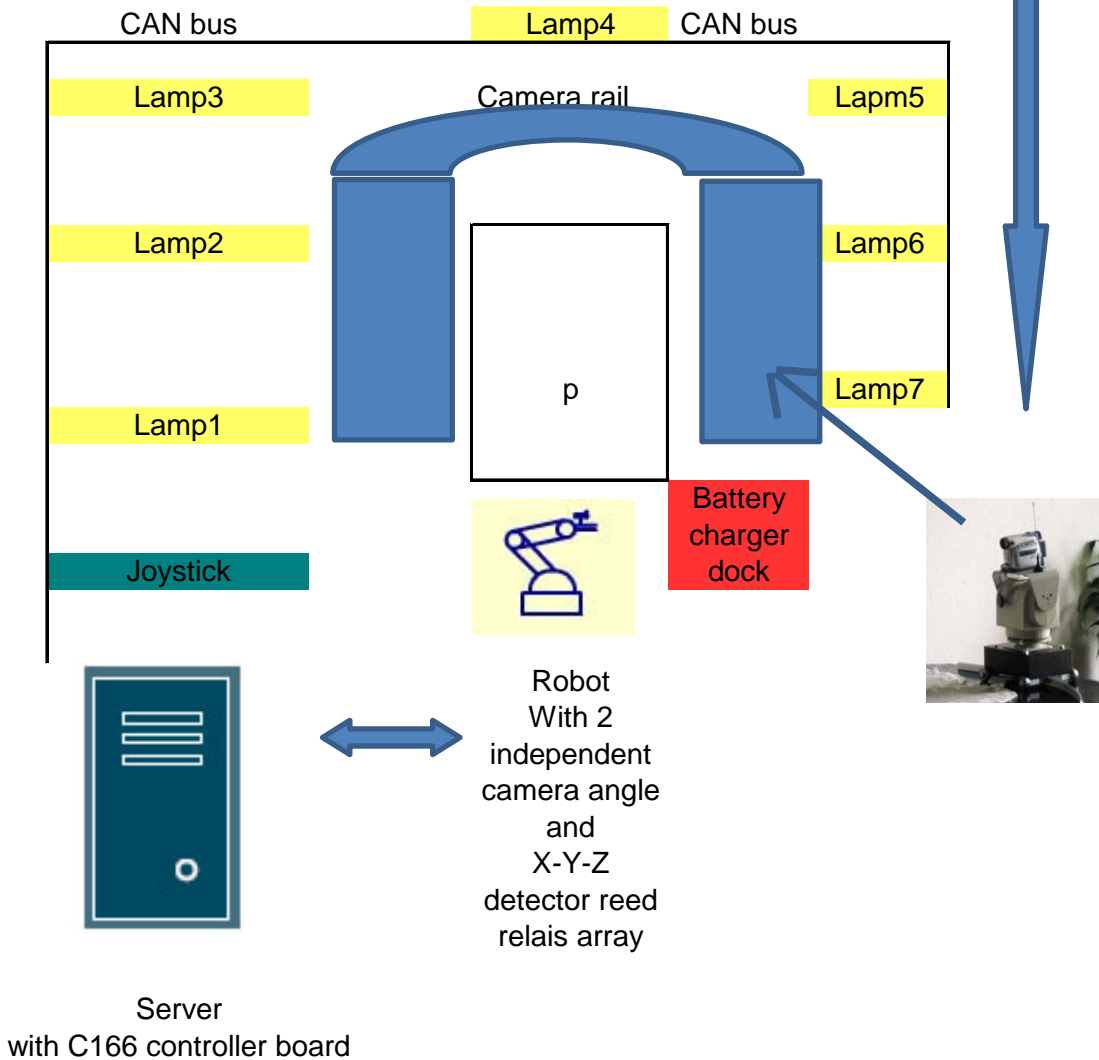
External robot controller



Robot
Independent, moving camera controller



Complet studio design



Robot sensors

Sensor 2:-
sensor.Max. Depth 50-80mm.



Sensor 1:-
then horizontal/vertical movement
temporary disabled.Only forward or
backward motion enable.

Robot electric and mechanical accession.

Used device type:

And can be ordered other type,maximum 5kg/device

Robot technical details:

- Motion distance 1m/0.7m/0.7m (Horizontal/Vertical/Forward-backward)
Horizontal 50step,Vertical 30 step, Fw/Bw 30 step (computer controlled)
- Motion speed selectable 30mm/sec-100mm/sec
- Robot load maximum 5kg/device
- Robot power maximum 70N (Forward-backward)
- 1.Variant Free altitude minimum 0.1m.Maximum (0.1m+0.7m)=0.8m (ground application)
- 2.Variant Free altitude minimum 0.6m.Maximum (0.6m+0.7m)=1.3m (bed application)

Controller Programs:

Stream server:-Macromedia Flash 2 with 3 ASC script/stream and 2 independent camera input.

Serial server:-Create new user mail +alarm in window, password recovery mail, robot command in/out via serial interface.

Stream client User side:-2 independent stream (low res. max. 50user) (high def. 1User)
robot command,new user registration,password recovery,credit charge (paypal),change
Position (12 pre def type),change device(4 different type),text chat in/out,online help

Stream client -Broadcaster- side:-Text chat in/out,connected and disconnected user info
(name,IP,remained credit..),special sound to connect-disconnect-time pulse-change device-
change position

Credit charge program:-Manually added credit to selected users.After received and accepted
mail from paypal robot.

Important

Open firewall on 1935-port (stream)

1111 port (admin)

6000 port (XML socket)