



## RoboCup Equipment CHECKLIST

### ROBOT PARTS

- ☐ (4) NUGUS, fully assembled
- ☐ (2) Robot Power Supplies, Power supply, IEC lead, long XT60 lead
- ☐ (All) LiPo Batteries 3850 mAh, minimum 3 per robot
- ☐ (All) LiPo Battery Charger, Black Charger box, 12v power supply, red/black XT60 to Banana Cables
- ☐ (4) Battery XT60 extension cables
- ☐ (4) Robot numbers/colours

### ROBOT SPARES

- ☐ (1) NUC and CM740 combo
- ☐ (6) MX-64 servos, with drive plates and flywheels
- ☐ (10) MX-106 servos, with drive plates and flywheels
- ☐ (10) Short servo cables, 7cm
- ☐ (10) Medium servo cables, 10cm
- ☐ (4) Long servo cables, 30cm
- ☐ Bolts box
- ☐ Camera cables
- ☐ CM740 power board
- ☐ NUC to CM740 USB cable

### TOOLS

- ☐ Allen keys, for M2.5 and M3 socket head bolts.
- ☐ Pliers
- ☐ Side Cutters
- ☐ Flat head screwdriver

- ☐ Knife
- ☐ Scissors
- ☐ Soldering iron, with solder and stand

### NETWORKING

- ☐ (1) Router, with power supply
- ☐ (1) Network switch, with IEC cable
- ☐ (~10) Long ethernet cables, 5 plus 1 per person.
- ☐ (1) NAS, with power supply

### OTHER

- ☐ Duct tape.
- ☐ (4) Extension leads
- ☐ (~12) Power boards, 7 spots plus 1 per person
- ☐ Video camera