

The ATLAS/Muon RASNIK Chamber Production Site Readout System

HvdGraaf, NIKHEF, Dec 10, 1999

Inventarisation

The complete readout system consists of:

- The RasMux unit
- The MasterMuxBrico unit
- A frame grabber type DT 3152
- A PC running under W95 or W98 (WNT version in progress)
- A 24 V power supply
- Cables:
 - Between RasMux and MasterMuxBrico: D25, FF
 - Between MasterMuxBrico and PC: LPT cable, D25, MF
 - Between MasterMuxBrico and framegrabber: D15 FF

Installation

Place the RasMux unit within 10 m from the RasCams and the RasLeds.

Place the MasterMuxBrico within 1 m from the PC.

The distance between the RasMux and the MasterMuxBrico should be less than 10 m.

Connect the RasMux with the MasterMuxBrico with one of the D25 FF cables. We supplied two of these cables: a long one (10 m) and a short one (1.8 m). The connectors on both units are clearly marked.

Connect the MasterMuxBrico with the PC by means of the (standard) LPT cable (D25 MF).

Connect the MasterMuxBrico with the frame grabber input (D15 FF).

Put the 24 V power adapter in the 220 power line and connect the 24 V connector with the MasterMuxBrico. Before doing this: make sure that the RasMux-MasterMuxBrico connection has been made!

Connect the RasCams and RasLeds with the RasMux. Use RJ45 and RJ11 cables for this, respectively.

ICARAS 4.0

Download ICARAS 4.0 from:

ftp <ftp.nikhef.nl>

user: anonymous

psswrs: your E-mail adress

cd /pub/projects/rasnik

There you find ZIP files. All versions higher than 4.0 are 'new RasMux' versions.