

MERIT Status

September 5, 2007

Access September 5

Cryogenics—Compress air and N₂



Optics

Place attenuator in CERN camera optics path

FV camera

Shutter $10\ \mu\text{s}$

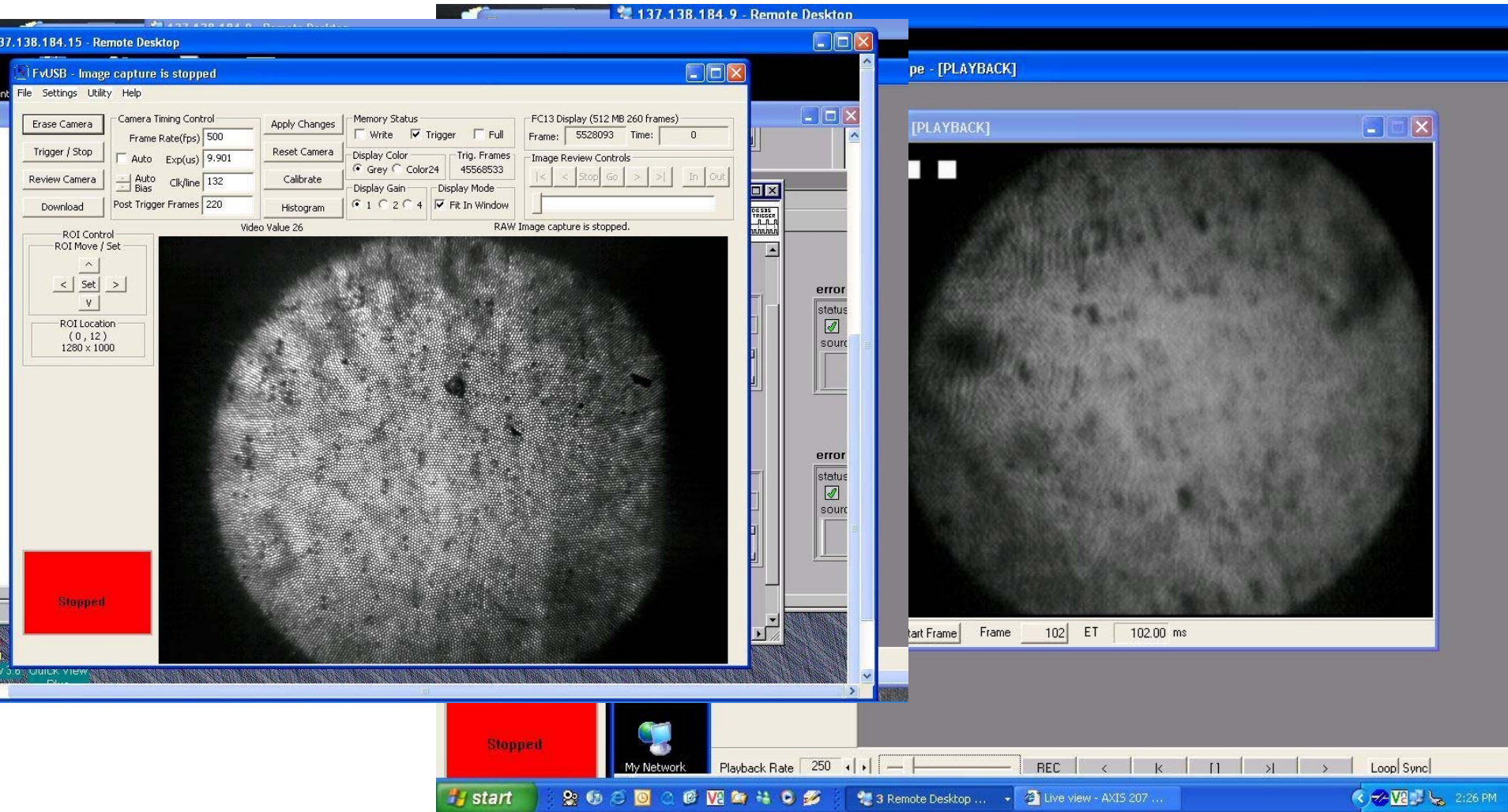
CERN camera

Shutter $50\ \mu\text{s}$

24 db

attenuation





- Port 1 FastVision

Port 4 CERN

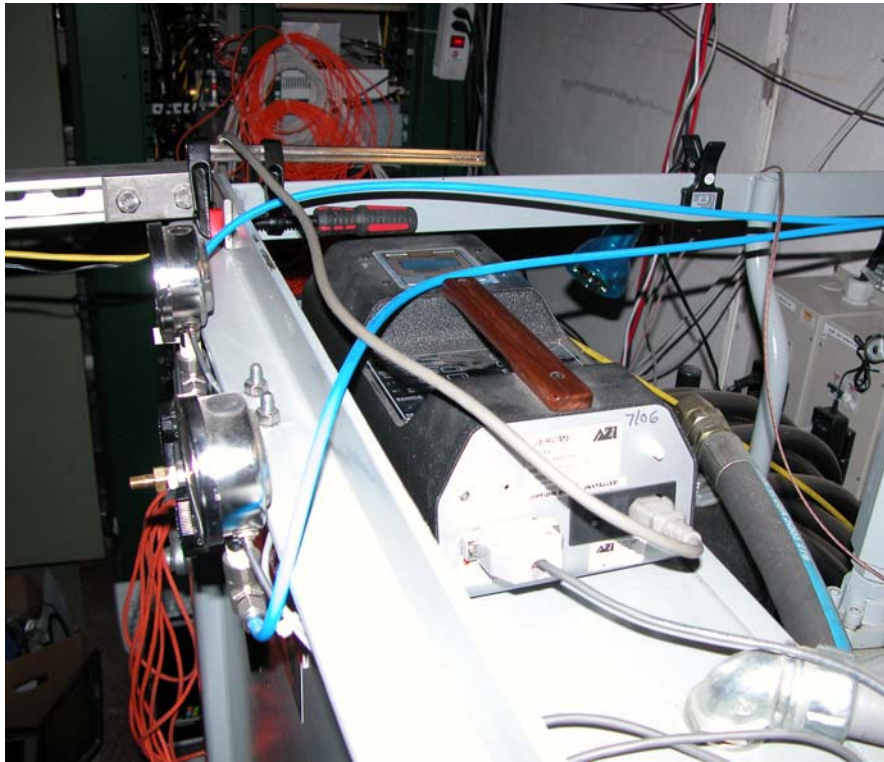
HPU

Move web cam for broader front panel view



HPU

Reinstall Jerome monitor



VM-3000 now reading at 32 $\mu\text{g}/\text{m}^3$

HPU

Installing Heater Quick Disconnects



Cryogenic Controls

Activate cryogenic instruments

Cernox
temperature
readouts now
available



Proton Beam Status

- 14 GeV beam
 - Will run with harmonic 8
 - Will try for 6 TP per rf bucket—5TP more likely
 - Multiple bunch extraction yet to be done but considered straightforward— 1ms separation likely; maybe 1.5ms achievable
- 24 GeV beam yet to be tested