What is the LoLa system?

Software

http://lola.conts.it

Hardware

Network

LoLa main features

- Full HD video (can do more) up to 90 frames per second
- Up to 4 cameras per site
- Up to 3 sites together
- 10 audio channels at 44.1 or 48 Khz
- Internal latency less than 5 milliseconds (plus network)
- Distance more than 3500 Km (academic networks)
- Real time recording
- Interactive chat
- Internal monitoring tools
- …

LoLa main requirements

- A good hardware (gaming PC with specific components)
- Specific High Speed cameras (robotic vision)
- Symmetric (upload – download) network, at least 100Mbps
- Low Latency network
- Guaranteed bandwidth along the path

LoLa @institution ?

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LoLa @home ?

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More info

http://www.swing-project.eu

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http://www.garr.it