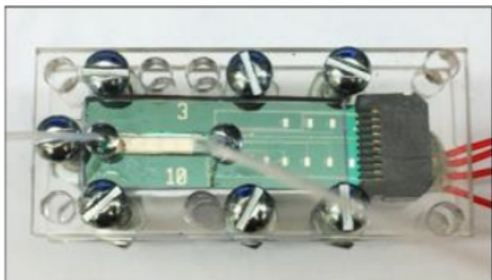
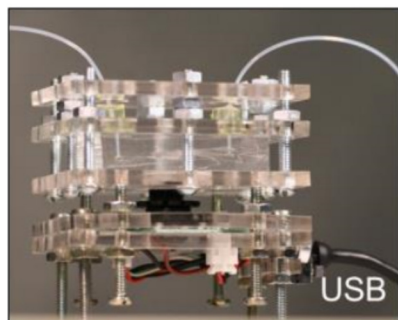


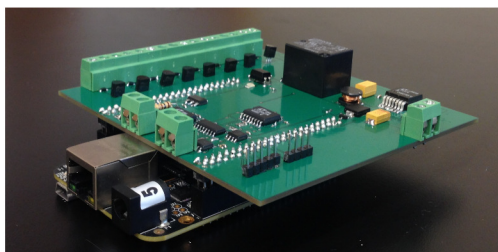
Physical Sensors



Video Acquisition



Sensor Acquiring and Electrovalves Driver



Embedded Linux with Beaglebone Black



Physical Sensors and Video Transmission



```
Xcp = (struct sniff_tcp*)(packet + size_ethernet + size_ip);
sport = Xcp->th_sport;
dport = Xcp->th_dport;
cout << "found port pair: " << sport << " -> " << dport << endl;
} else if (ip->ip_tos == UDP_PACKET) {
    /* The UDP header */
    const struct sniff_udp *Xcp;
    size_Xcp = sizeof(struct sniff_udp);
    Xcp = (struct sniff_udp*)(packet + size_ethernet + size_ip);
    sport = Xcp->th_sport;
    dport = Xcp->th_dport;
    cout << "found port pair: " << sport << " -> " << dport << endl;
}
```

Google App Engine Data Storage



Google Glass



```
@Override
public boolean onCreateOptionsMenu(Menu menu) {
    // Inflate the menu; this adds items to the action bar if it is present.
    getMenuInflater().inflate(R.menu.main, menu);
    return true;
}

@Override
public boolean onOptionsItemSelected(MenuItem item) {
```

Electrovalves



Video Storing



```
data = QDateTime::currentDateTime();
name = "C:/Video/" + data.toString("yyyy-MM-dd-HH-mmss") + ".mpeg";
QFile *file = new QFile(name);
if (file->open(QFile::Append))
```