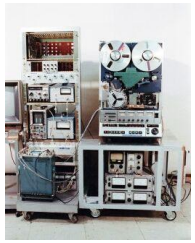
Chronological Development of HDTV

Information industry
Consumer electronics
Cinema
Computer imaging
Digital Broadcasting

HDTV camera composed of 1-inch DIS (Diode-gun Impregnated-cathode SATICON) tube, at a CBS studio, 1982.

35-mm film laser telecine for converting film to HDTV, 1984.

50-inch diagonal rear projection display, 1986.



Prototype of HDTV VTR, 1981.

2000
- Digital HDTV terrestrial-broadcasting in Japan, 2003.
- Digital HDTV broadcasting via satellite in Japan, 2000.
- HDTV worldwide standard, ITU-R BT.709, 2000.
- Coverage of Nagano Olympics, 1998.

1989
- 40-inch HDTV PDP, 1992.
- HDTV system at the Gifu museum in Japan, 1989.
- Public viewing of the Seoul Olympic Games, 1988.
- HDTV hand-held camera, 1986.
- 50-inch diagonal rear projection display, 1986.
- Covering Los Angeles Olympics, 1984.
- 35-mm film laser telecine for HDTV, 1984.
- Laser beam recorder for converting HDTV to 35-mm film, 1984.
- HDTV camera composed of 1-inch DIS tubes, 1982.
- Prototype of HDTV VTR, 1981.

1980
- HDTV camera composed of 2-inch RBS tubes, 1975
- Proposing a study program on HDTV to the CCIR, 1972.

1970
- Provisional HDTV standard, 1970s.
- 30-inch CRT, 1978.
- Wide screen display composed of three 26-inch CRTs, 1975.
- 22-inch CRT, 1973.

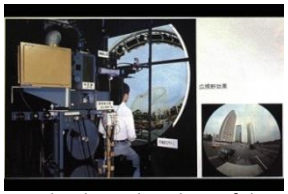
1964
- Beginning of R&D, 1964.

The world's first HDTV broadcast via satellite, 1989.

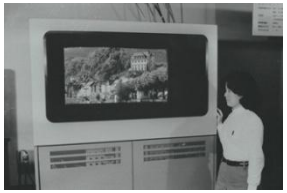
- The first international HDTV transmission experiment, 1988.
- Electric movie, "*Departure,*" 1988.
- Recording of a brain operation, 1987.
- 400-inch screen and twelve CRT projectors , 1985.
- MUSE, a bandwidth compression system, 1983.
- The first HDTV program "*Images for Hi-Vision,*" 1982.
- Demonstration of HDTV in USA, 1981.
- Provisional HDTV standard, 1970s.
- 30-inch CRT, 1978.
- Wide screen display composed of three 26-inch CRTs, 1975.
- 22-inch CRT, 1973.

400-inch screen and twelve CRT projectors 1985.

HDTV camera composed of 2-inch RBS (Return Beam SATICON) tubes, 1975.



Psychophysical analysis of the "Sensation of Reality" using a hemispherical screen, 1980.



Wide screen display composed of three 26-inch CRTs, 1975.

Demonstration of HDTV at SMPTE Winter Conference in USA, 1981.

MUSE (Multiple Sub-Nyquist Sampling Encoding), a bandwidth compression system, 1983.