



## Worldwide diffusion of large color video display systems

Registration No.	Number 00354		
Registration Date	September 12, 2023	Registration Category	Category 1

Name (Model, etc.)	Light-Emitting Devices for Second-Gen Aurora Vision (1) Matrix Light-Emitting Devices for Second-Gen Aurora Vision (2) Display Unit for Second-Gen Outdoor High-Luminance Aurora Vision
Location	Togitsu-cho, Nagasaki Mitsubishi Electric Corporation Nagasaki Works
Owner (Custodian)	Mitsubishi Electric Corporation Nagasaki Works
Manufacturer (Company)	(1) MITSUBISHI ELECTRIC CORPORATION / NORITAKE ITRON CORPORATION (2) MITSUBISHI ELECTRIC CORPORATION
Year Manufactured	(1) Around 1986-2000 (2) Around 1988-2000
Year first appeared	(1) 1986 (2) 1988
Reason For Selection	These are items from 2nd generation Aurora Vision development using FMCRT. (1) It is the second generation of matrix light emitting devices (FMCRT: Flat Matrix CRT). The FMCRT was a new device based on the Vacuum Fluorescent Display structure and CRT principle, which attained high reliability and, having achieved both high resolution and cost reduction, became widespread. Two experimental prototypes still exist. (2) It is a second-generation outdoor high-luminance display unit. The display unit is constructed to allow easy attachment and removal of the FMCRT. As a high-luminance, long-life Aurora Vision, it was instrumental to business expansion. They are significant as items that show the history of technology.
Registration Standard	1-A (Show an important aspect or stage of the development of science and technology.) 2-A (Played a notable role in improving people's way of life and creating new ways of living.)

Open/Closed to Public	(1) Closed to Public (2) Open to Public
Photo	<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>(1)</p> </div> <div style="text-align: center;">  <p>(2)</p> </div> </div>
Other useful information	