

Overview



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Driven by digitalization of broadcasting, increasingly high-definition packaged media, and changes and diversification in video-display devices, all types of video/information equipment from home use to business use are undergoing dramatic changes. As a result, there is intense competition to improve the digital image quality and performance of display devices. Also, advances in networks and integration of broadcasting into communication technology are under way. Our imaging technologies, which are based on our laboratory's basic research integrated into commercial home-use equipment, have been developed for many years and are also found in business-use equipment. To improve digitalization and image quality, we have focused not only on simple image processing but also diverse fields such as differentiating our products in each display device category diversified and our storage devices. In Japan, the shift to digital terrestrial broadcasting will be completed in about 18 months. Although the process has been relatively smoothly so far, it is important to complete it by the target date. Therefore, a plan of comprehensive measures, led by the Ministry of Internal Affairs and Communications, was launched last year. Efforts such as setting up support centers, plans for collective housing, satellite safety net, and support for families on public assistance are being made nation-wide. Since the shift to digital terrestrial broadcasting will have a significant impact on various video-related equipment, successful completion is important.