

Design your vision with us!!

We can make any customer's vision a reality using our high level of technological experience, honed over 45 years of rigorous product development. We have successfully completed several OEM and joint development projects in the past, exceeding all of our customer's expectations.

Joint development projects



8K compatible projector jointly developed with a long-established global projector manufacturer.



8K 60p camcorder jointly developed with a world-famous electronics corporation.

OEM projects

Some types of products we've developed and customer requirements we've fulfilled for past OEM projects.



Customer Requirements

- Prototype semiconductor adoption
- High-speed interface
- Development using large-scale FPGA
- Real-time image processing
- IP packet processing
- Electric circuit design / board design
- Housing design / thermal design / vibration response design

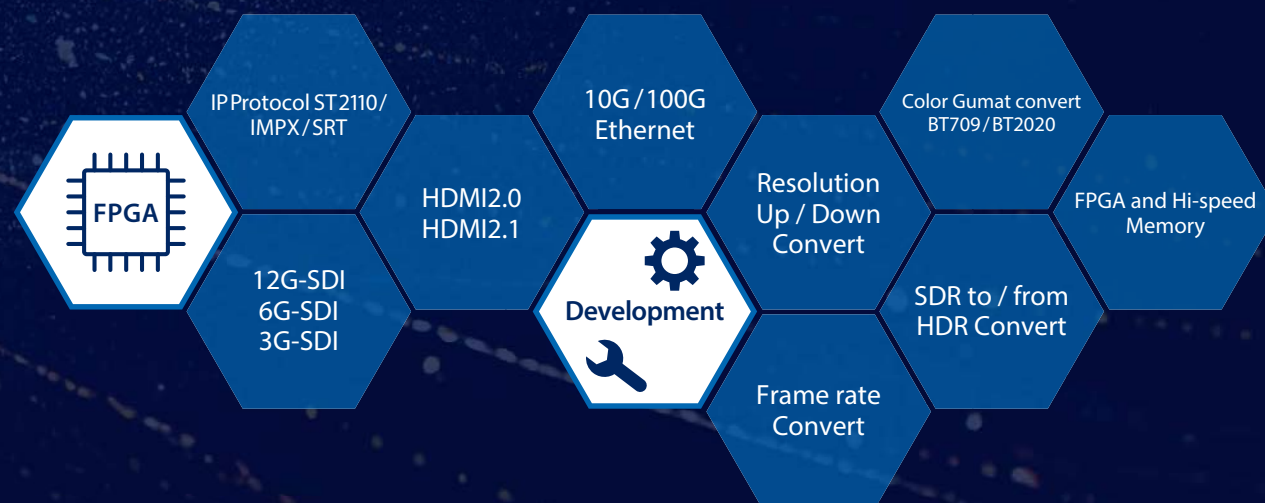


Product Categories

- Camera
- Image processing device
- Interface board
- Measurement system



Our core technology is based on our vast knowledge that has been cultivated over decades of business



Designing Your Vision

Since its founding in 1977, ASTRO has been a company that is focused on making high-quality, high-resolution products that expand the definitions of technology. But we are not just limited to creating our own products. We also work together with other companies to produce collaboration products, as well as introducing products from overseas manufacturers into the Japanese market.

Measurement and Analysis Solutions



LS-8500
Universal Video Platform

One of our core beliefs is that testing equipment is equally as important as the final output video. Thus, our Measurement and Analysis solutions are designed to test many different standards and transmission formats, like HDMI and HDCP. We also offer solutions to build automatic test systems for production lines of video-related products.

Highest-Definition Video Technology



AB-4815
8K 120Hz Portable Camera

One of Astrodesign's main missions is to ensure that all videos can be seen in their optimum quality on any type of screen, no matter their resolution level or scanning line count. We have developed a line of products to do just that, thus achieving the highest possible image quality for any situation. The best way to make certain that you have the highest-quality video playback is to shoot with the highest-quality cameras. Astrodesign has a wide range of cameras that can record in 8K at several frame rates, including 60p, 120p, and even 240p. 8K is perfect not just for shooting in high-quality, but for shooting a large area and cutting out HD or 4K sections for use later.

Real-time high-speed digital signal processing technology

Broadcasting Technology



CD-5550
JPEG XS IP Gateway

Having been a part of the High-Definition TV field since its infancy, Astrodesign has more than kept pace with developments and now supports broadcast operations with a host of products used for many applications from editing HD TV programs to LCD monitors. As digital technology continues to make more and more inroads into video, the multiplexing of transmission data, conversion of transmission protocols, and many other processing tasks have become necessary. As a pioneer in transmission data multiplexing, Astrodesign is also very active in the field of protocol conversion technology.

Our Most Popular Products

SD-7077

HDMI 2.1 to HDMI 2.0x4 Converter

Supports 8K and 4K and outputs HDMI 2.1 signal to HDMI 2.0 signal in 4 divisions.
Useful for connecting to large LED visions and multi-display systems.



AM-3825/AM-3829

12G-SDI Audio Monitor

Separates the embedded audio of 12G, 6G, 3G, HD, and SD-SDI signals from the video signals, and monitors audio with the use of the built-in speakers or headphones.
AES, MADI and analog are supported.
AM-3825 supports DANTE.
AM-3829 supports ST-2110.



AB-4830/AC-4829

A fanless, lightweight and compact 8K camera system

A fanless, lightweight (weight: 340g) and compact (65mmx65mm) 8K camera system equipped with a camera sensor featuring a global shutter function. The system consists of a camera head and a CCU. The captured video is output from the CCU in 8K in real-time with 4 lines of 12G-SDI.



IA-1567

Conversion between HDMI 2.1 and 12G/6G-SDI

An interface adapter that can convert between HDMI 2.1 and 12G/6G-SDI signals that support 8K and 4K.
It can be used to connect SDI devices to 8K TVs or 4K120Hz monitors, or to connect game consoles or GPUs to SDI devices.



Scan here
for more products and details!



We are specialists in importing products from all over the world!

We have thriving sales channels cultivated over more than 45 years of company history in Broadcasting, Security, Medical, VR, Sports, Factory or Industry Inspection throughout Japan.

-Barriers to export-



Language

We have several staff members who are fluent in English.



Foreign regulations

With over 15 years of experience importing products, we are well-versed in dealing with all of Japan's regulations.



New culture

Japanese business culture can be very different from in the West. As a native Japanese company, we can make this process hurdle-free.

-Import Examples-



OBM-U178K / OBM-U248K / OBM-U318K



BOSMA G1 Pro
8K Streaming Camera



Theia D1 Decoder

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