

1/2" OCML CCD

# ICD-803/803P

[NTSC]

[PAL]

**Digital Processing Low Light Color Camera**

The ICD-803(NTSC)/803P(PAL) is a 1/2" single-chip CCD with 380,000 pixels(NTSC) and 410,000 pixels (PAL). It also employs AES(Automatic Electronic Shutter) and Auto Iris function, and provides high-resolution, high-sensitivity, highquality pictures.

#### ■ Digital Process

A DSP(Digital Signal Processing) for internal RGB is used to process video signals for crisp and consistent pictures.

#### ■ High Quality Picture and High Resolution

Smear level -120dB, low noise circuit design, and appropriate detail compensation reproduce clear color images.

#### ■ High Sensitivity Circuit Design

Employing a high-sensitivity 1/2" On-Chip-Micro Lens(OCML) CCD and digital signal processing, the camera delivers high sensitivity with a minimum illumination of 0.5 lx/f1.4.

#### ■ Back Light Compensation

In conjunction with the auto-iris lens and AES, the BLC function enables effective Back Light Compensation.

#### ■ Two Way Auto-iris Lens

The camera can support two types of auto-iris lenses, video iris lens with DC ins lens and most CCTV lenses can be used.

#### ■ Auto White Balance

Auto White Balance(ATW1) of automatic tracking type is employed. Appropriate correction can be achieved to compensate for changes in color temperature of the object. Further more, ATW2 is also available to accommodate sodium light sources.

#### ■ AES(Automatic Electronic Shutter)

The camera incorporates the AES function with a sensitivity ratio of 1: 1300(NTSC), 1:1600(PAL). Sensitivity is adjusted automatically according to variations in illumination in a surveillance area. Images equivalent to those achieved with the auto iris lens(f1.4 to f50) can be attained even with fixed-iris lens.

