Superb image quality with absolute stability CCD Camera

Features

High Resolution/High Sensitivity

Employing a high-sensitivity 1/3-inch on-chip microlens (OCML) CCD with 380,000 pixels (NTSC), 440,000 pixels (PAL), in addition to digital signal processing, the ICD-703/703P delivers a high horizontal resolution of 480 TV lines and a high sensitivity with a minimum illuminations 2.5 lux/F1.4 (1.9 lux/F1.2, 0.9 lux/F0.8).

AESC (Auto Electronic Shutter Control) Function

The camera incorporates the AESC function with a sensitivity ratio of 1:1600(PAL), 1:1300(NTSC).
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 a fixed-iris lens.

White Balance

Two types of white balance, i.e., pushbutton-driven AWC (Auto White-balance Control) and manual-mode white balance, can be set while viewing on screen. With ATW, white balance can be set with automatic tracking capability, without the need for inconvenient user manipulation.

BLC (Back Light Compensation) Function

In conjunction with the auto-iris lens and AESC, the BLC function enables effective backlight compensation. Clear, crisp pictures can be captured even under poor backlight-illuminated conditions.
Because backlight compensation is automatically performed by dividing the screen into 48 areas and calculating the light intensity for the individual areas, difficult setting is unnecessary.

BLC off BLC on

The effect of BLC way very with the location and other conditions.

2 Way Auto-iris Lens

The ICD-703/703P can support two types of auto-iris lenses: VIDEO iris lens and DC iris lens.