



# ICD-525 (NTSC)

## High Resolution Digital Camera

High Resolution	High Sensitivity	High Picture Quality
700TVL	0.007 / F1.2	52dB



## FEATURES



**High Resolution Digital camera designed by broadcast industry specialists to meet the stringent demands of today's CCTV Professional.**

The newest installation in our history of elite quality cameras, Ikegami is proud to announce the ICD-525. This camera now comes with higher resolution- an impressive 700TVL- plus the added benefit of Digital Wide Dynamic Range function. The result is higher sensitivity in lower light levels (when the camera will automatically switch to a Monochrome output for improved low light performance).

### 0.007 lx, 700TVL High Resolution Pictures

The ICD-525 achieves a horizontal resolution of 700 TVL with 480,000 NTSC /570,000 PAL pixels, enabling reproduction of exceptionally clear and detailed images in ultra-low light conditions. The ICD-525 performs at levels as low as 0.007lux minimum scene illumination performance (in monochrome mode)!



Conventional Model



ICD-525

### 52dB, High Picture Quality and Low Smear and Noise

The improved DSP circuit permits 52dB Signal-to-Noise ratio and Low Smear(-105dB). By the factor, a clear image can be captured even under strong light.



Conventional Model

ICD-525

### Wide Dynamic Range (DWDR)

The DWDR function provides clear and high quality pictures in high contrast environments by adjusting luminance resulting in a corrected image with clear details results. The digital wide dynamic range is 5 levels selectable.

### Auto White Balance

The ICD-525 features automatic tracking white balance control (ATW) and automatic white balance control (AWC). The result is better color tracking in difficult lighting conditions (such as sodium light).

### Monitor Selection Switch

The ICD-525 features a monitor selection switch for LCD or CRT viewing.

### Focus EZ Function

A button located at the back of the ICD-525 sets the auto-iris lens aperture open, even in broad daylight. This allows the installer to set an accurate focus with the best depth of field. The EZ focus button displays an adjustment bar that makes it easy to achieve perfect focus.

## ICD-525 (NTSC)

### SPECIFICATIONS

Specifications	
Image Sensor	1/3" CCD
Effective Pixels	NTSC : Approx.480,000 pixels, Effective 976(H) x 494(V)
Scanning System	NTSC : 525 lines at 59.94Hz, 2:1 interlace
Synchronization System	Internal Crystal Lock/Line Lock
Video Output	VBS 1.0Vp-p/75Ω
Horizontal Resolution	700 TV Lines or better (High Resolution mode, by Rated Illumination)
S/N Ratio	52dB or better (p-p/rms)
Minimum Illumination (AGC ON)	Electronic Sensitivity Up OFF, VBS Output 50 IRE: 0.22lx/F1.2 Electronic Sensitivity Up 32 times, VBS Output 50 IRE): 0.007lx/F1.2
Day/Night Function	Built-in, Auto/Manual selectable ICD-525 : Digital Day/Night
Digital Wide Dynamic Range	Built-in, LOW/MIDLOW/MIDDLE/MIDHIGH/HIGH selectable
AGC (Automatic Gain Control)	OFF/LOW/MIDLOW/MIDDLE/MIDHIGH/HIGH selectable
Electronic Sensitivity Up	Built-in, ON (AUTO)/OFF selectable(Up to 32 times)
White Balance	ATW(Automatic Tracking White Balance)/AWC(Automatic White Balance Control)/ MANUAL selectable
Detail Correction	Built-in (Sharpness)
Digital Noise Reduction	Built-in, ON/OFF selectable (DNR Function)
AES(Automatic Electronic Shutter)	Built-in
Privacy Masking	Built-in (Maximum 15 zones)
Flip Function	Built-in, OFF/V-FLIP/H-FLIP/HV-FLIP selectable
Motion Detection	Built-in, ON/OFF selectable
Digital Zoom	Built-in, ON/OFF selectable(Up to 32 times)
Focus EZ	Built-in
Stabilizer Function	Built-in
Monitor Output Selection	CRT/LCD selectable
Camera ID	Up to 52 characters (alphanumeric and symbols)
Lens Mount	CS Mount (C mount adapter can be used)
Flange Back Adjustment Mechanism	Built-in
Power Requirement	AC24V±10%, 60Hz / DC12(10.5~15V)
Power Consumption	AC24V Approx.3W DC12V Approx.3W
Operating Ambient Temperature	-10°C~+50°C
Operating Ambient Humidity	30%~90% RH (non-condensing)
Camera Mount	1/4" -20UNC (Bottom or Top)
External Dimensions	W60 X H58 X D70mm (without projection)
Weight	AC24V / DC12V Approx.240g
Input/ Output Connectors	VIDEO OUT -- BNC AC24V / DC12V Input -- 2P
Standard Accessories	Power Input Connector, Instruction Manual, Hex Wrench(for adjusting flange back)

Design and specifications are subject to Change without notice.



IKEGAMI ELECTRONICS, (U.S.A.) INC.

URL: <http://www.ikegami.com> email: [sales1@ikegami.com](mailto:sales1@ikegami.com)

**Headquarters**  
**West Coast**  
**South West**  
**South East**  
**Midwest**

**37 Brook Avenue, Maywood, NJ 07607 Phone (201)368-9171 Fax (201)569-1626**  
Redondo Beach, CA 90278 Ph (310)297-1900 Fax (310)536-9550  
Waxahachie, TX 75167 Ph (972)869-2363 Fax (972)556-1057  
Deerfield Beach, FL 33441 Ph (954)571-7177 Fax (954)571-7760  
Bloomington, IL 60108 Ph (603)-372-8777 Fax (603)-372-8777