

GFNPRK60/ACU

Advanced NPR Camera



Extreme Quality Image

In any condition, any where



Darkness has no restrictions and boundaries.

Seamless AE Intelligent Image Control

GFWK60/ACU's unique intelligent image control effectively removes the Noise from the image signal, providing a more vivid and clear image. When using the AGC in low-lightings, clear image can be obtained by reducing Noise.



AWB

Highlight Suppress Back Light Compensation

GFWK60/ACU's unique Color Matrix Mechanism has a wide White Balance Range to adaptively cope with the change in color temperature from various source of lights. Effective in areas such as inside of a tunnel or places where colors change periodically.

* 1700K ~ 11700K



Color Reproduction

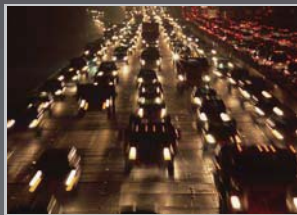
GFWK60/ACU's unique Color Matrix Mechanism finds the optimum color matrix according to the change in color temperature, optimizing color selection in various lightings.

* Perfect Reproduction for 24 colors in Meebeth Chart

Darkness has no restrictions and boundaries.



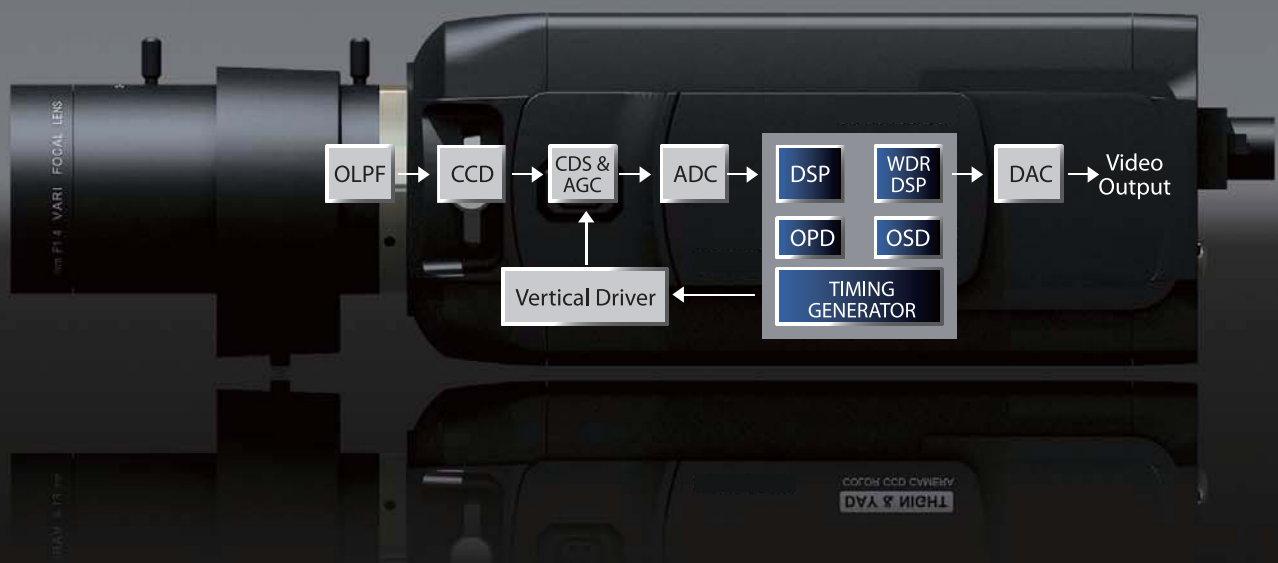
600 TV Lines
High-resolution image



3D-DNR
3 Dimension-Digital Noise Reduction



HSBLC
Highlight Suppress Back Light Compensation



- Seamless AE Intelligent Control Solution
- World's Best 600TV Lines of Color Resolution
- Built-In 3-D Digital Noise Reduction (3D-DNR) Filter
- Max X512 Sens Up, Low illuminance 0.0003 Lux
- ICR D&N function provides high quality images in both day and night
- HSBLC will darken/brighten image portions for clearer images
- Broader color temperature range AWB(1700K~11700K)
- User friendly setting MD, Private Zone Masking



The Most Advanced Camera



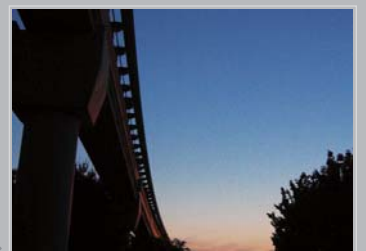
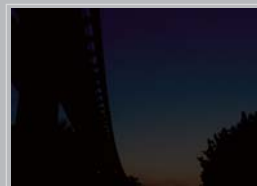
600TV Lines

GFWK60/ACU allows 600TV Lines of high-resolution images and with clear images in low-light environments. In addition, the unit provides increased signal strength without additional noise.



Low Illuminance 0.00003 Lux

GFWK60/ACU's unique low luminance technology can clearly detect subjects under unfavorable light conditions (0.00003lux in B/W mode)





Intelligent Technologies



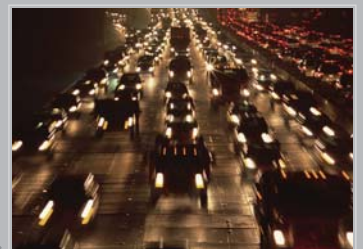
ICR D&N

GFWK60/ACU automatically converts the image from color to monochrome with the ICR Day&Night function when low light is detected.



3D-DNR 3Dimension-Digital Noise Reduction

GFWK60/ACU's unique 3D Adaptive Noise Reduction Filter effectively removes the Noise from the image signal, providing a more vivid and clear image. When using the AGC in low-lightings, clear image can be obtained by reducing Noise, and even in darker areas, brighter images can be obtained by using higher AGC.



HSBLC Highlight Suppress Back Light Compensation

GFWK60/ACU's unique Adaptive Luminance Control AE will darken selected highlights and brighten dark portions. In the picture, the number on the plate can be seen clearly.



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Specifications

MODEL	GFNPRK60/ACU
Scanning Frequency (H)	15.734KHz (NTSC) / 15.625KHZ (PAL)
Scanning Frequency (V)	59.94 Hz (NTSC) / 60 Hz (PAL)
Horizontal Resolution	600 TV Lines (700 TV Lines B/W)
Signal System	NTSC / PAL color
Total/Effective Pixels No	811(H) x 508 (V), 410K(NTSC)/ 470K(PAL)
Image Device	1/3" SONY EX-View CCD
Lens	C/CS Mount (C mount Adaptor Ring)
Signal Process	XDI DSP
IRIS Control	DC / ELC / VIDEO Selectable
Sync System	Internal / External (Line Lock)
S/N Ratio	More Than 52dB (AGC Off)
Minimum Illumination	0.00003 Lux (Sense-Up)
Video Output Signal	1Vp-p Composite (75ohm)
Digital Zoom	X8 (Built in Pan/Tilt)
Function	
HSBLC	On / Off
3D-DNR	On / Off
Sense-Up	On / Off (2x ~ 128x)
D&N	Color / BW / Auto (ICR Filter Change)
Gain Control	Off / Low / Medium / High
Shutter Speed	1/60 ~ 1/100,000(NTSC) , 1/50~1/100,000(PAL)
E. Sensitivity	Auto (x1~x128) / Fix : x2, x4, ... x 512
White Balance	ATW / AWC / Manual (1,700°K~11,700°K)
M. Detection	4 Area
P. Masking	8 Zone
OSD Display	YES
Power Source	DC 12V / AC 24V
Power Consumption	4.4W
Operating Temp	-10℃ ~ 50℃ / 0%RH ~ 80%RH
Weight	440g
Dimension (H x V x D)	70.6 x 54.2 x 121.5 mm

* Product specifications and designs are subject to improvement changes without prior notice.