



Main Chip Set	WINNER-4
Image Sensor	1/3 Inch, Sony CCD (ICX638 / ICX639)
Effective Pixels	768 (H) X 494 (V)
Video System	NTSC TV System
Scanning System	525 Lines 2:1 Interlace
Scanning Frequency	15.734 [Khz] / 59.94 [Hz]
Shutter Speed	1/60 ~ 1/120,000 sec
Sync System	Internal Sync
H - Resolution	More than 560 TV Lines, B/W 700 TV Lines
S/N Ratio	52 [dB] / AGC Off
Min. illumination	0.00004 Lux (F#1.2 / 40 IRE / LED off)
Gamma	0.45 Approx
CCD Level Control	ALC (auto iris lens control)
Gain Control	Low / Hi / Off (Selectable)
Sense - up	Auto / Fixed / Off (Selectable limit x2 ~ x256)
DNR	Off / On (1 ~ 32 Level Adjustable)
Privacy	Off / On (8 Zone)
Mirror	Off / On (H - Rev / V - Rev)
Sharpness	Off / On (Level Adjustable)
White Balance	ATW / AWC / Manual / Outdoor (1800 'K ~ 10,500 'K) Indoor (4500 'K ~ 8,500 'K)
C.Video Output	VBS 1.0 Vp-p / 75ohm Video : 0.7Vp-p / Sync : 0.3Vp-p / Burst : 0.3Vp-p
Input Voltage	DC 12[V] +/- 10%
Current	Camera only : max 150[mA] (at 12VDC) LED / FAN ON : max 1[A] (at 12VDC)
Operating Temp'	-20°C ~ +50°C
LENS	IR Filter Chang-DC Auto Iris Lens (9.0mm~22mm)
IR LED	850 nm - 70 ea
Dimension	105 (W) X 110 (H) X 230 (D) mm
Weight	Net : 2.4Kg / Gross : 3Kg