【Spec Comparison between NC-R550 and 1EM-CCD camera】

Specifications	NC-R550 NEC	1EM-CCD Camera other venders
Pickup element	1/2 inch Frame Interline Transfe 3EM-CCD	1/2-inch interline EM-CCD
Effective pixels	658(H) × 496(V)	658(H) ×496(V)
Resolution	Horizontal: 800 lines Vertical: 350 lines (In the central part)	Horizontal: 480 lines Vertical: 350 lines (In the central part)
Ppictures	Full color	Color and monochrome configuration
Signal to noise ratio (S/N)	65dB(NR:ON)	50 dB or more (luminosity signal, Gamma OFF, minimum gain, without detail boost)
Sensitivity	Moving picture: 0.0003(lx) Semi-video: 0.000003(lx) (F1.4, +90dB, 128x accumulation, D-GAIN 2x)	0.009 lx (Color in full motion, maximum sensitivity setup, F1.4, 50 IRE) 0.00015 lx (Color 64 time accumulation, maximum sensitivity setup. F1.4, 50 IRE) 0.005 lx (Monochrome in full motion, maximum sensitivity sensitivity setup. F1.4, 50 IRE) 0.000008 lx (Monochrome 64 time accumulation, maximum sensitivity setup, F1.4, 50 IRE)
White balance	FAW/AWB	ATW: The mode which follows automatically AWC: The mode which holds a white balance after an automatic setup
DNR	Change of AUTO / MANU	Change of AUTO / MANU
AGC	Change of AUTO / MANU	Change of AUTO / MANU
Output	NTSC VBS 1.0Vp-p 75Ω Un-balancing.	NTSC VBS 1.0Vp-p 75Ω Un-balancing.
Lens mount	Bayonet mount	C / CS mount
Power Requirements	12 VDC	12 VDC
Operating Temperature	− 10 ℃ − + 45 ℃	− 10 ℃ − + 50 ℃ / 30 − 80% RH *when in order for you to use with the efficiency which long time is stabilized, it continues uses by all means +40 ℃ please use at below.
Use lens	BCTV Lens (ENG Lens)	CCTV Lens