

Vidicons

at 25°C

Type No.	Applications	Features	Diameter mm(inch) Length(mm)	Method		Dark Current (nA)	Sensitivity		Limiting Resolution at Center (TV lines)	Lag after 3TV fields (%)
				Focus- ing	Deflec- tion		Signal Current (nA)	Faceplate Illuminance (lx)		

Infrared Vidicons

N2634	Night Surveillance, Scientific Surveys, Temperature Measurement, Infrared Laser Monitoring, Semiconductor Inspection, Moisture Imaging	Wavelength Range 400 to 1800nm	18 (2/3)	Electro-magnetic	Electro-magnetic	5	150	(On IR filter) 10lx	550	40							
N2635		Wavelength Range 400 to 2000nm	103								25 (1)	250	(On IR filter) 10lx	700			
N2635-50			60				12	650	60								
N2606	Semiconductor Inspection, Optical Fiber Inspection in Optical communications, Night Surveillance, Scientific Surveys, Temperature Measurement, Moisture Imaging	High resolution Wavelength Range 400 to 1900nm	25 (1)							Electro-magnetic	Electro-magnetic	12	250	(On IR filter) 10lx	700	60	
N2606-01		High resolution Wavelength Range 400 to 2200nm	159				25 (1)	250	(On IR filter) 10lx								700
N2606-02		Moisture Imaging (1940nm)	159														
N2606-06			12	25 (1)	250	(On IR filter) 10lx	700										
N2606-04			—					25 (1)	250	(On IR filter) 10lx	700						
N4585	Infrared laser monitoring	1300 to 1600nm	8	25 (1)	250	(On IR filter) 10lx	700										
			8					25 (1)	250	(On IR filter) 10lx	700						

X-ray Vidicons

N603	Nondestructive X-ray Inspection, X-ray Topography	Beryllium Faceplate, High Resolution	25 (1) 159	Electro-magnetic	Electro-magnetic	1	100	100R/min. (30kVp)	380	25
N400		Beryllium Faceplate, Wide Field of View	38(1-1/2) 195							

CHALNICON® /High-Sensitivity Camera Tubes

at 25°C

Type No.	Applications	Diameter mm(inch) Length(mm)	Method		Dark Current (nA)	Sensitivity		Limiting Resolution at Center (TV lines)	Lag after 3TV fields (%)
			Focus- ing	Deflec- tion		Signal Current (nA)	Faceplate Illuminance (lx)		
N3111 (X)·(D)/E5001 (X)·(D)	Industrial TV camera X-ray TV camera for Medical	25 (1)	Electro-magnetic	Electro-magnetic	0.7	160	0.5	900	25
N3114 (X)·(D)/E5063 (X)·(D)		159						850	10
N3124/E5197A	Compact Industrial TV camera X-ray TV camera for Medical	18 (2/3)	Electro-static	Electro-magnetic	0.5	70	1	750	5
N3113 (D)/E6061 (D)								103	
N3127	Radiation-tolerant Use	103	Electro-static	Electro-magnetic	0.5	150	1	360	5
N3128								600	
N4716								750	
N6068								850	
N6068		25 (1) 159	Electro-magnetic	Electro-magnetic	0.7		0.5	850	10

Ⓐ The suffix letters, (X) and (D), indicate recommended applications: (X) for X-ray TV cameras; (D) for general-purpose industrial use. They are mainly differentiated according to the spurious signal specifications.



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