

ELMO

Microcameras

ME411E

CCD black & white video micro camera

Its tiny 17.0mm diameter, one-half ounce remote head, guaranteed video quality to 98ft (30m) cable length and 570TV(H) resolution make the ME411E an ideal camera for machine vision, NDT, covert and many other applications.



Ambient humidity	30%~90%
Ambient temperature	-10 C~+50 C (14 F~122 F)
Infrared-proof filter	Built-in
Minimum illumination	1.8 Ix (50% IRE, F1.6, =0.45m built-in infrared-proof filter)
Others	video indes output, Video out field designation, Video output (DC direct connection, Condenser coupling)
Output impedance	75 unbalanced
Output signal	VS1.0Vp-p, NTSC compatible
Pick-up device	1/2" interline-transfer CCD (768Hx494V effective picture elements)
Power consumption	3.2W
Power source	DC12V 10%
Recommended illumination	36 Ix (f1.6 3200K)
Resolution	570 TV lines (Horizontal) More than 400 TV lines (Vertical) at frame accumulation mode More than 350 TV lines (Vertical) at field accumulation mode
S/N ratio	More than 56dB (=1, WEIGHT ON)
Scan area	6.54x4.89mm
Scanning frequency	15.734kHz(horizontal), 59.94Hz(Vertical)
Shock resistance (camera head)	686m/s
Sync system	Internal/External sync.(automatic change-over) C-SYNC/VS mode HD,VD mode Reset/Restart mode One-pulse trigger mode
Vibration resistance	68.6m/s (10~200Hz)

AUXILIARY FUNCTION

correction	1/0.45 (Factory preset at 1)
accumulation	Files/Frame modes (Factory preset at Field)
AES	Auto (Automatic electronic shutter)/Manual/Fixed (electronic shutter)(Factory preset at 1/60 sec.)
Electronic	1/60,1/100,1/125,1/250,1/500,1/1000, 1/2000,1/4000,1/10000 sec (Factory preset at 1/60 sec.) (Every 1H between 1/60~1/30000 at one-pulse trigger mode)
Sensitivity	Normal~12dB(Adjustable)(Factory preset at normal)

WEIGHT

Camera 16g (0.56 oz) without lens

CCU 510g (18oz)