Products (High Spec. Camera)

Radiation Tolerant CMOS Camera Type-S1



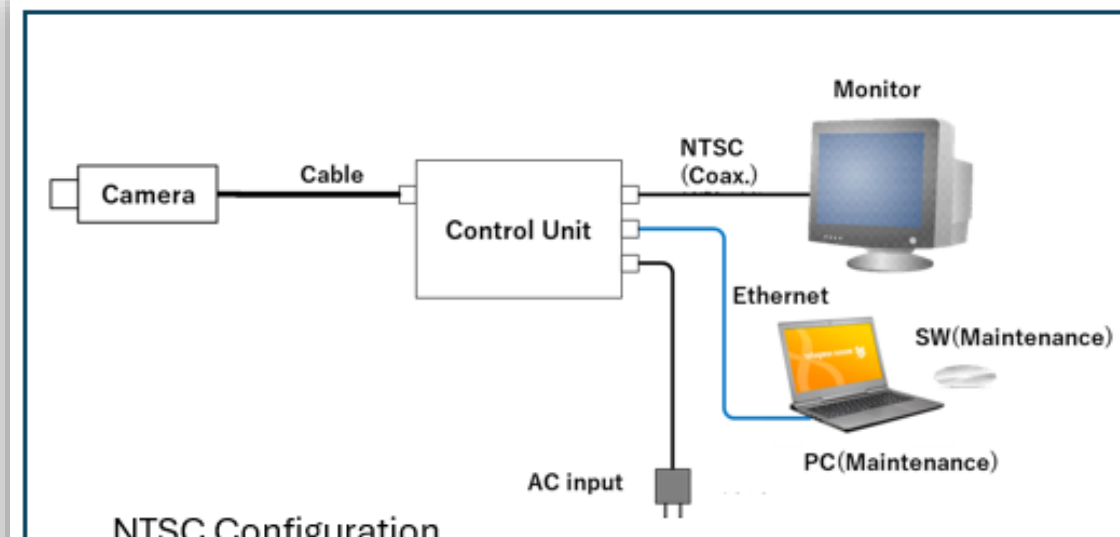
Applications

- Nuclear fuel monitoring
- Nuclear fuel element inspection
- Reactor inspection
- Remote controlled manipulator management

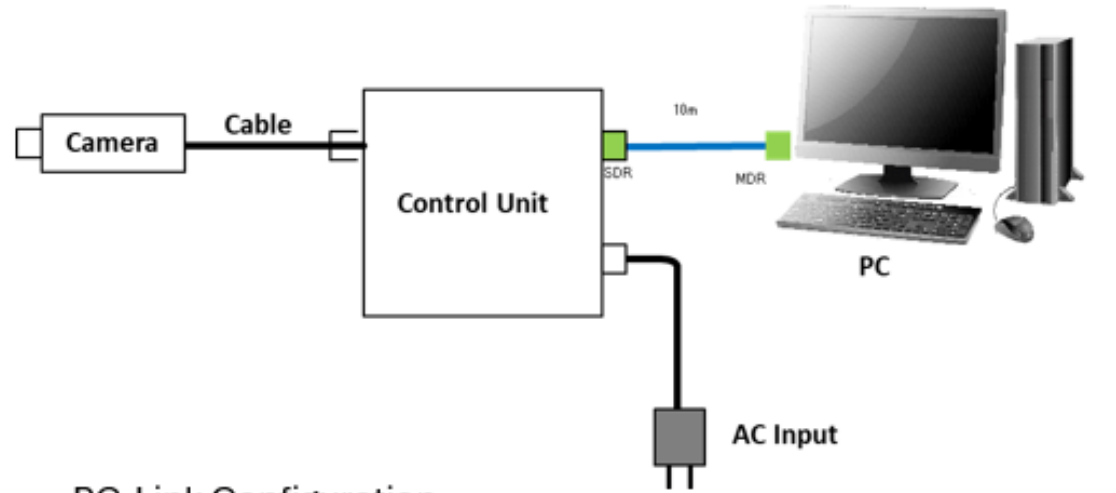
Features

- CMOS sensor co-developed with JAXA
- Very high radiation tolerance(Up to 2MGy)
- Lens Non-browning
- High quality camera system
- Remote control of functions

Camera	CMOS Sensor	Resolution (NTSC mode)	640x480
		Resolution (Camera-Link mode)	728x728
	Video	Monochrome/Color	
	Radiation Tolerance	2 MGy, Gamma	
	Radiation Dose Rate	3 kGy/h	
	Lens	Non-Browning Lens	
		Fixed Focal Length Lens, Optical Zoom Lens	
	Operating Temperature	0~60℃	
	Environment	In the Air	
	Diameter	46x46 mm (±1 mm)	
	Length(excluding Lens Part)	50 mm (approx.)	
	Weight	200 g (approx.)	
	Housing	Stainless / Aluminum	
Cable	Length	Standard : 60 m	
		Using Repeaters : 180 m (ASK : longer than 180 m)	
Control Unit	Function	Power Supply, Remote Control, Parameter Settings	
	Power	AC100~240 V(use AC/DC ADP)	
	Video Output	NTSC / PC Link / LAN	



NTSC Configuration



PC-Link Configuration

Manufactured and Distributed by **Mach Corporation Co.Ltd**.

Head Office ：2-5-15 Kitasaiwai Nishi-ku, Yokohama-city, Kanagawa, Japan
Zip Code 220-0004

TEL/045-412-0400 FAX/045-412-0415

Note : Specifications are subject to change without notice.
This Product subject to the Export Trade Control Order.