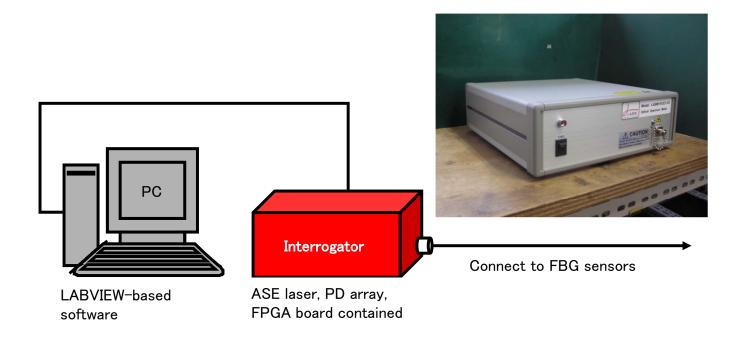
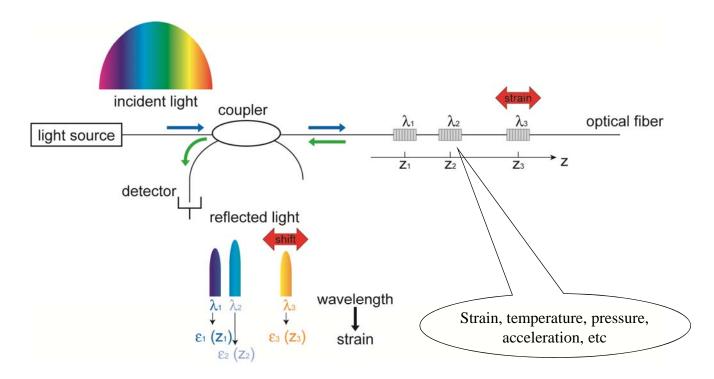


# LAZOC FBG Interrogator / WDM method

# Economical and robust sensing by several FBG sensors



WDM method to interrogate multi point FBG sensors



Contact: Lazoc Inc., Address: 1-5-3, Nishi-Kameari, Katsushika, Tokyo, Japan TEL: 81-3-6662-7270, FAX: 81-3-6662-7274, MAIL: info@lazoc.jp

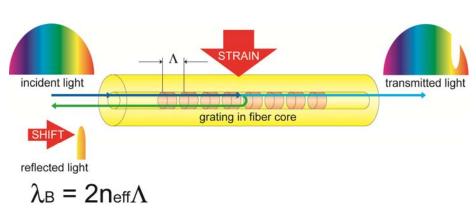
LAZOC inc. www.lazoc.jp

# Specification

Resolution	1pm ( $= 1 \mu \varepsilon$ , 0.1 deg C.)
Repeatability	10pm (2 σ)
Laser Power	>+13dBm (>20mW, typical)
Wavelength	65nm (1530-1595nm, typical)
Sampling	>100Hz
Temperature	0 to 60 deg. C.
Humidity	5 to 85%RH (No condensing)

- \*1 Number of sensor depends on how wide range big each sensor needs.
- \*2 Please inquire sensor specification.
- \* 3 We may change specification without prior notice.

#### FBG sensor



# FBG sensors (sample)



Temperature

Strain

■ We design sensors in accordance with customers request.

# Optical cable



■ Above is PVC covered  $\phi$  10mm / 8 fibers

■PE and SUS covered cable is also available.

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