

Multi FPD Inspection System FREEDOM_{mkII}

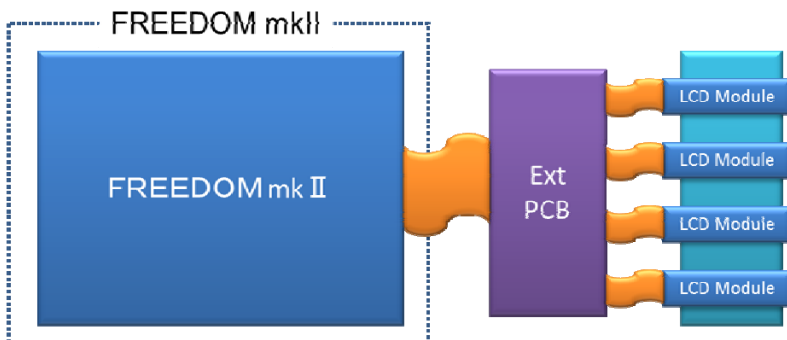
4K4K Resolution for Small and Medium Display



- Resolution up to 4K4K
- 8 x 4ch Module powers
- Simultaneous measurement

- Maximum resolution up to 4K4K
- 8 Powers available each module (Total 32)
- All powers are able to measure at once
- Measurement tact is 1/4
- Picture distribution for 4 panels
- Individual control for module operation
- Writing tact for ROM is 1/4
- Various logs available
- Operation is same as PC

【Pattern Generator with Power Supply】



FREEDOM is base unit.

It is necessary to connect expansion board (MIPI or eDP) outside.

The function of expansion board is reflected request of of customer.

ex."Optical adjustment", "Measurement frequency", "PWM Output".

Item	Description	Remark
Resolutions	240 x 320 ~ 4,096 x 4,096	Programmable
Pixel Clock	23.5MHz ~ 947.75MHz	Programmable
Powers	(6VDDs + 2VROMs) x 4	Total 32
Output Voltage (VDD)	-12V ~ +12V (max 500mA) x 24	50mV Step
Output Voltage (VROM)	0V ~ +24V (max 20mA) x 8	50mV Step
Current Measurement (VDD)	100uA, 1mA, 10mA, 100mA, 500mA	5 range accuracy : FS 0.3%
Current Measurement (VROM)	20mA	1 range accuracy : FS 1.0%