

Optical EYE-Monitoring System
EYE Checker™

*Easy
Operation !*

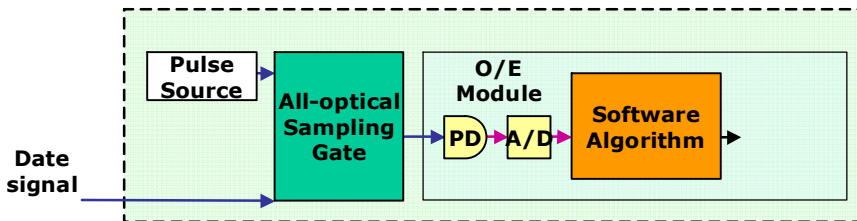
Low Cost !



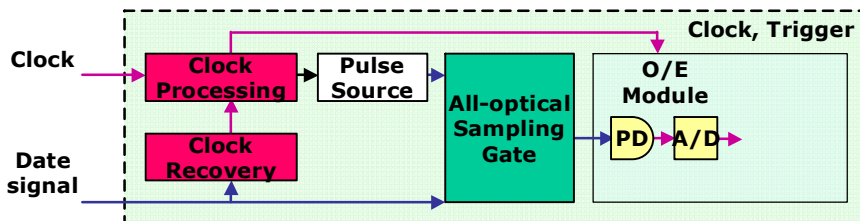
EYE Checker™
No need clock extraction circuit !

《Schema》

EYE Checker™: Software based asynchronous optical sampling



existing optical sampling system: Synchronous sampling



《Features》

- ◆ Real time Measurement
- ◆ High Resolution ~1ps
- ◆ No Need clock extraction
- > Low cost , Transparency (bit rate, signal format)

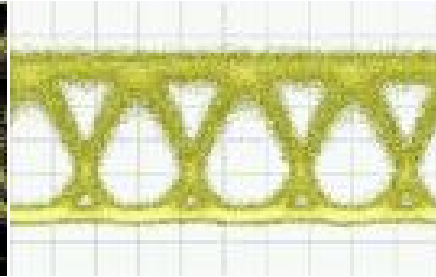
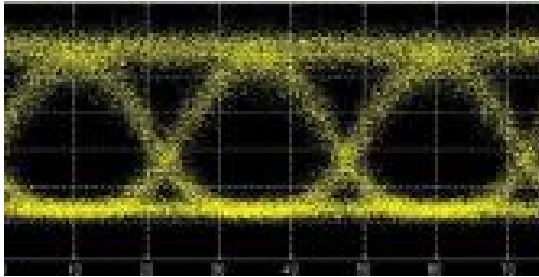
I-WAVE Corporation

<http://www.i-waveco.com>

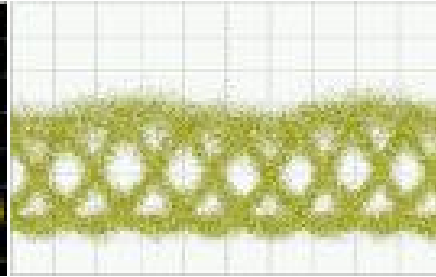
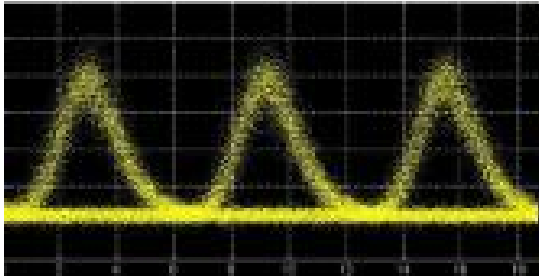
E-mail: sales@i-waveco.com

《Eye diagram》

**NRZ
40
Gb/s**



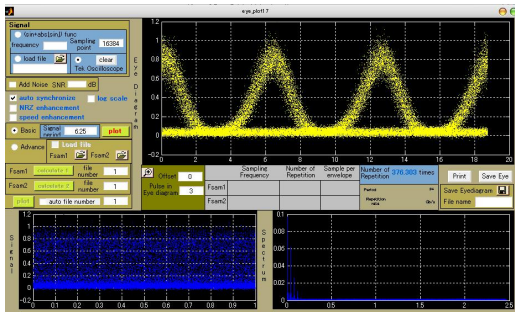
**RZ
160
Gb/s**



EYE Checker

**Sampling
Oscilloscope
(80GHz Bandwidth)**

《Interface》



《Specification》

Parameters	Specification
Transmission Bit-rate	10-320Gbit/s
Operating Wavelength	1530-1560nm
Resolution	<1ps
Sensitivity	5mW (10Gbit/s)
Polarization	Independent
Size	483 × 750 × 88mm
Weight	5kg

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