

U3-RP-A Series

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USB3.0 Repeater



Host

USB 3.0 Cable 2~5m



USB3.0 Repeater (U3-RP-A)

USB 3.0 Cable 2~5m

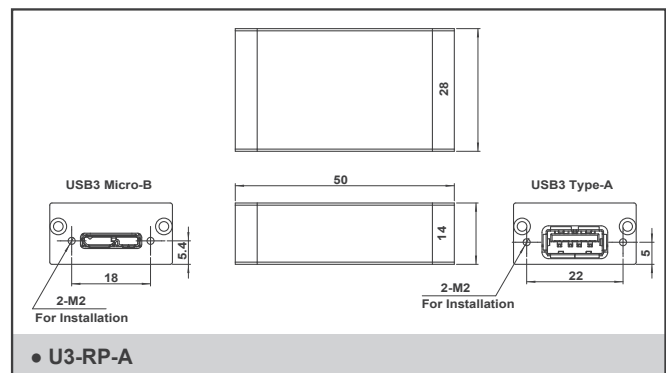


USB3.0 Camera

◆ Product Features

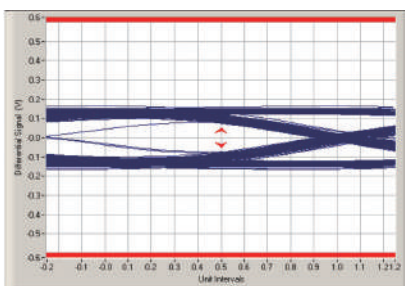
- Able to extend additional 2~5 meters in USB 3.0 signal
- Able to extend USB 3.0 SuperSpeed (5Gbps) and USB 2.0 signal
- USB bus power supply , no need for external power supply
- Plug and Play, no drivers required
- USB3.0 micro B-type connector from host side
- USB3.0 standard A-type connector to camera side

◆ Dimensional Drawing

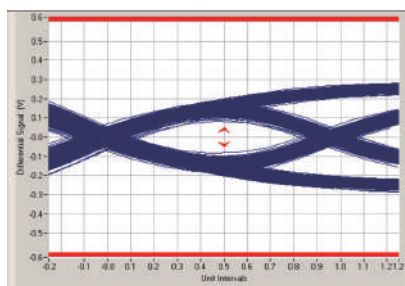


◆ Test Result:

• Case1 (Without repeater)



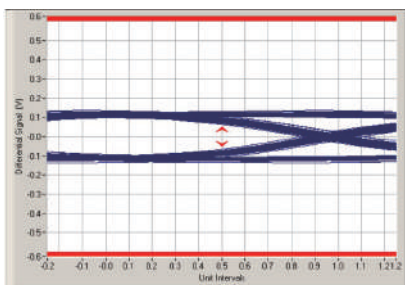
▲ SigTest CP0 Non Transition Eye Diagram



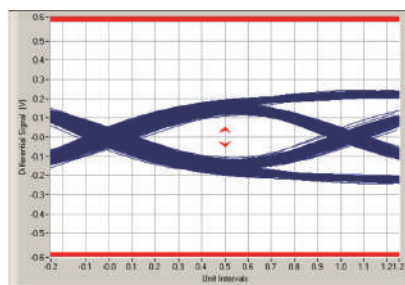
▲ Short Channel SigTest CP0 Transition Eye Diagram

Host → USB 3.0 Cable 5m → USB3.0 Camera

• Case2 (With repeater)



▲ SigTest CP0 Non Transition Eye Diagram



▲ Short Channel SigTest CP0 Transition Eye Diagram

Host → USB 3.0 Cable 5m → USB3.0 Repeater (U3-RP-A) → USB 3.0 Cable 5m → USB3.0 Camera