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Newsletter

Taipei, Taiwan – CTC Union Technologies, a leading designer and manufacturer of telecommunications, data communications and industrial grade networking products, today announced a new **E1 Access Multiplexer.**

The iMux4A-100 is an E1 inverse multiplexer capable of bundling up to 4 E1 lines for cost-effective connection of 10/100Base-TX or 100Base- FX LANs over multiple E1 transports. The iMux4A-100 inverse multiplexer transmits up to a 9.92Mbps Ethernet bridge channel (GFP-F encapsulated) over 4 E1 links. The iMux4A-100 bridges the gap between E1 and E3, allowing bridges to operate at faster rates. It also provides high speed access to SDH/SONET backbones where the only access services available are E1 lines. The iMux4A-100 supports an E1 attenuation of up to 43 dB on twisted pair or coax cable. This provides an approximate operating range up to 2km (using 22AWG). The iMux4A-100 fully meets E1 specifications including ITU-T G.703 and G.823. The iMux4A-100 features diagnostic capabilities for performing remote loopback. The operator at either end of the line may test both the iMux4A-100 and the line in the digital loopback mode. The Ethernet copper interface supports auto-negotiation and auto MDI/MDIX, allowing plug-and-play Ethernet connection without any additional configuration.

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About CTC Union

CTC Union Technologies Co. Ltd., based in Taipei, Taiwan and founded in 1993, proactively designs and manufactures telecommunications, data communications and industrial grade networking products for a global market. With technologies based on Ethernet and Optical transmissions, CTC Union can effectively meet the requirements of voice and data carriers and enterprises, as well as industrial grade Ethernet users.
With a heavy focus on reliability, certifications and new standards, this proactive thinking will allow CTC Union to continue developing solutions for today and tomorrow's markets.