

Press Information

FOR IMMEDIATE RELEASE

KBC Networks Launches Digital ‘Up-The-Coax’ Interface

London, UK 08 May 2009: KBC Networks has announced the release of its new ‘up-the-coax’ telemetry interfaces which, due to digital encoding, allow link distances to be extended up to 30km.

Rather than installing additional twisted pair cables for telemetry signals, an ‘up-the-coax’ interface allows the coax cable itself to be used. It makes use of the vertical blanking period of the composite video signal to send the PTZ control data from the controller to the camera location, making it popular for retrofitting an existing fixed camera to include PTZ control. Until recently, the majority of these interfaces have been analogue which, because the data needs to get to the far end before the video signal switches back on again to send another frame, have been limited to transmission distances of around 1.3km. With the KBC units the solution is digital, so the data signal can be buffered when it gets to the remote end and injected back into the video at a later blanking period. This allows the link to be extended to its optical limits which are around 30km.

KBC’s ‘up-the-coax’ units are available for both singlemode and multimode fibre and are compatible with all major manufacturers’ ‘up-the-coax’ control equipment. The new single-fibre units support the transmission of one video channel with two duplex contact closures. For high density applications, a dual receiver card is available which will allow up to 28 receiver units to be installed in a single 3U chassis. The units employ 10 bit digital video encoding.

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KBC Networks Launches Digital 'Up-The-Coax' Interface cont.

Iain Deuchars, President KBC Networks EMEA commented, "To a lot of installers 'up-the-coax' gives them an easy solution, and we've just made it even better by enabling them to extend the transmission distance. We've tested the new units with three of the major camera manufacturers and all have come back with positive comments – including the responsiveness of the controller over the longer distances."

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About KBC Networks:

KBC Networks is a specialist in fibre optic, wireless and network communications technology, delivering high performance and consistent quality to networks across the globe. KBC's products are designed for commercial and industrial applications including CCTV, access control and security systems, building management, supervisory control & data acquisition, industrial control & networking, information technology, intelligent transport systems, broadcast and telecommunications systems.

KBC Networks has offices in the USA and UK as well as representatives and a network of dealers, integrators and distributors spread across the world.

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