

barox release new range of PoE industrial media converters

barox Kommunikation AG, the global manufacturer of professional standard switches, media converters and IP extenders specifically designed for video applications, has released a new range managed and unmanaged industrial media converters catering for the demands of PoE heavy video applications.



For general video transmission applications, the PC-BTPMC101-GE media converter has one optical SFP port with 100/1000FX and two copper ports with 10/100/1000TX, supporting PoE 802.3af/at/bt up to 90W per port and 120W in total. Its management functions allow the PoE to be controlled, including monitoring of the connected port devices. In addition, the connected lines can also be monitored remotely. The supplied mounting accessories make it easy to mount the media converter on a DIN rail or wall.

The PD-BTPMC102M-GE industrial media converter is ideal for applications with high data loads, such as video over IP or video streaming. The media converter has one optical SFP port and one copper port with 10/100/1000TX supporting PoE 802.3af/at/bt, and can share up to 120W across two ports, such as 60W/60W, 90W/30W or 120W/0W. The delivery of 90W PoE makes it ideal for deployment in systems with high power draw, such as PTZ camera domes, LED illuminators, wipers and heaters - negating the need for a network injector. The similar new PC-BTPMC101-10GE features the same specification as the above media converter but differs by sporting a 1G/10GSFP uplink.

For those requiring the robust supply of PoE, the barox range of industrial PoE injectors, the PC-INJ-Serie, features the same compact, DIN-mountable design, especially developed for use in harsh / remote environments. The range of injectors have two copper ports (Data and Data + PoE) with 10/100/1000TX. Depending on the model, they can share a maximum of 30, 60 or 95W PoE, across two ports.

“The new DIN rail industrial managed and unmanaged media converters provide installers and end-users with the power to support the latest PoE heavy applications,” says Rudolf Rohr, barox Co-founder & Managing partner. “We are seeing a demand for higher PoE performance from increasingly more powerful devices, such as dome cameras / all-in-one PTZ units. Extending the barox family of successful industrial PC media converters, the new media converters support the 802.3bt standard, with robust PoE power up to 90W.”