

VDSL Extender for Industrial Ethernet



Press- INFO

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With its new VDSL Fast Ethernet extender, MICROSENS offers a device with immediate effect which facilitates the transmission of Ethernet via conventional 2-wire lines (telephone or ISTY cable) with a length of up to 1900 m.

With transmission speeds of up to 50 Mbps, this extender offers a high network performance which can be achieved at distances of up to 300 metres. In the case of greater distances of up to 1,900 metres, the achievable bandwidth is reduced correspondingly. The device is used in pairs according to a master/slave principle, whereby the configuration takes place via a DIP switch.

The network connection is performed via an RJ-45 socket with 10/100Base-TX auto-negotiation. The 2-wire line may be connected either using an RJ-11 socket or a plug-in terminal, as wished. The maximum transmission speed is automatically negotiated in 10 speed steps depending on the distance and transmission quality and then signalled to the user via LED displays.

The VDSL extender belongs to the "Entry Line" product family and is designed for use in rough environments. It is vibration-resistant and shock-resistant in accordance with international standardisation. The installation is carried out using the Plug & Play principle on DIN mounting rails. The redundantly designed power supply input permits supply with 24 VDC. Ambient temperatures of -40 to +75 °C are admissible for operation.

The device can be deployed wherever there are only simple 2-wire lines available for the Ethernet transmission and a new installation of the passive infrastructure is not possible. Owing to its performance and the high data rates, this device is particularly suitable for connecting IP cameras in the area of video surveillance.

The new VDSL Fast Ethernet extender is available with immediate effect at a price of approx. € 340.

Features:

- Ethernet transmission via 2-wire lines up to 1900m
- High performance – up to 50 Mbps at 300m
- Robust design for DIN rail assembly
- Operating temperatures –40..+75°C
- Applications include IP video surveillance, network coupling

Please find this press release, background information and high-resolution images at:

www.microsens.com

Newslink: 820230

Company profile

MICROSENS is a world leader in production of fiber optic data transmission systems. The companies' expertise covers all applications using fiber optics, ranging from local area networks (LAN), via access networks right up to industrial and metro networks (MAN).

Heavy investments into the latest manufacturing equipment together with most advanced technology guarantee leading edge solutions. MICROSENS offers creative solutions using high quality components in order to meet customer requirements at the highest level in an application orientated and cost effective way.

Since its foundation in 1993, MICROSENS, which is based in Hamm, Westphalia (Germany), has concentrated with increasing success on the development and production of active components for data communication networks.

MICROSENS sells its solutions worldwide via the headquarters and the representative sales offices in France and Poland. The product range is sold and supported locally by certified Sales Partners. All delivered products meet international regulations and standards, such as Gigabit Ethernet, SONET/SDH, Fibre Channel etc.

The tremendous growth of the company leads to an international awareness as a manufacturer of active fiber optic systems. Due to the fact that MICROSENS has its own production facilities orders can be processed quickly and efficiently according to the customers requirements.

In autumn 2006 a further step for the future success was made. Due to the investment of the new main shareholder MICROSENS now belongs to the fast growing and high profitable euromicron group, which has a focus on networking and fiber optic technology with its several investments in the IT industry.