**LineRunner IS-3200 family**



The switch is designed to provide Ethernet services under harsh environmental conditions. Typical users are operators that need highly reliable data transmission in the telecommunication network like along oil and gas pipelines, at railways and utilities. It offers 12 Ethernet ports and in addition 4 SFP cages for optical or electrical SFPs. All 16 interfaces can be configured for "Gigabit Ethernet" or "Fast Ethernet".

Higest reliability even in harsh climatical conditions is secured with its extended operational temperture range of -40°C to +85°C.  Uninterrupted operation even in the case of a power supply failure is realised with two redundant power inputs. Redundancy mechanismn, like Rapid Spanning Tree (RSTP), Multiple Spanning Tree (MSTP) and the industrial Media Redundancy Protocol (MRP) are supported so that the switchover and reconfiguration of the network can be realised within a few milliseconds in case of the failure of a transmission path.

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| * 16 ports, configurable for 10/100/1000 Mbit/s
* 4 SFP ports with 100/1000 Mbit/s
* Store and forward switch, self-learning
* Four potential-free signal inputs
* Two programable alarm contacts
 | * Supports Zero Loss Redundancy function
* SD memory card with MAC Address for easy configuration
* Extended operational temperature range -40 °C ... +85 °C
* 8x Power over Ethernet PoE+ according to IEEE82.3.at (optional)
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| Attribut | IS-3230 | IS-3260 |
|  | http://www.keymile.com/documents/10181/56513/LineRunner-IS-3230_150px.png/6f40f819-757c-48ef-a19a-dba70ccb2f0d?t=1412079531921 | [http://www.keymile.com/documents/10181/56513/LineRunner-IS-3260_150px.png/c441f479-15a1-4283-87a8-b478fd75d5b7?t=1412079631403](http://www.keymile.com/documents/10181/56513/LineRunner%2BIS-3260.jpg/c5726221-e6e5-4026-8326-f8051e0b871a?t=1411992735769) |
| Number of interfaces  | 10  | 16  |
| SFP cages | 3  | 4  |
| Operational temperature range  | -40 °C ... +85 °C  | -40 °C ... +85 °C  |
| Signal outputs  | 1  | 2  |
| Signal inputs  | 2  | 4  |