HHC Networks & Smart City Solutions

Industrial Ring Network Ethernet Switches

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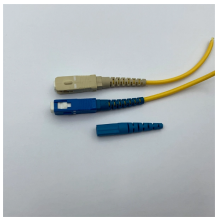
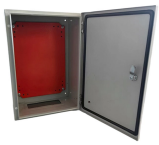
Case Communications X-Ring provides an Ethernet Ring between Industrial Ethernet switches, running at 10 Mbps, 100 Mbps or 1 Gbps.



Unlike office Ethernet ''star'' networks, industrial control applications tend to favour ''ring'' topology. The ''ring'' simplifies cabling and provides inherent redundancy.

In response to the growing demand for IIoT (Industrial Internet of Things) infrastructure, the IFGS-620TF is designed for easy deployment of industrial networks with its Plug and Play capability. Furthermore, ...



The Ethernet Ring Protection Switching (ERPS) protocol is a powerful technology and service that can be used on industrial switches to ensure high network availability and prevent network downtime.

ORing offers a comprehensive portfolio of rugged industrial Ethernet switches, from cost-effective unmanaged and PoE models to advanced Layer 2/3 managed switches enabling precise control. Our ...

	Industrial Managed Redundant Ethernet Switches - These rugged industrial network switches assure reliability, incorporating “X-Ring” technology
	Cyber-Ring self-healing Ethernet technology is a proprietary developed by ICP DAS that can be used to help establish industrial-grade Ethernet with high reliability and fault-tolerance capabilities, and can ...
	Select from a wide range selection of Industrial Unmanaged Ethernet Switches encased in plastic. Plastic is a great cost-effective solutions for implementing industrial control and data acquisition over ...
	FS Industrial Ethernet Switches are designed to meet the demanding needs of diverse industrial applications. Marvel chip-based switches provide efficient processing capability and stable network ...
	This article aims to provide a concise yet comprehensive overview of how industrial switches contribute to the formation of industrial ring networks, catering to both traditional industry ...

ConfigurationX-Ring Start-Up SequenceAuto-Selection of ''Master'' SwitchLoop DetectionX-Ring Automatic RecoveryThe diagram above shows the start-up sequence of an X-Ring network, where all the units are set to be a ''Master'' switch. Notice each unit starts transmitting SBPDU packets after initialisation.See more on casecomms
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Contact Us

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