Firewalls and Routers
IRF1000/3000 series
Maximum security for industrial networks

Kreski

NEW

Industrial Firewalls and Routers The security solution for plant and machines

Simple and intuitive to use, the firewall carries out demanding security tasks and is ideal as remote maintenance centre, router or as IIoT Gateway / Edge Device in a control cabinet.

HIGHLIGHTS

→ **Perfect for remote maintenance and Industry 4.0**
→ **Smartcard-based security concept**
→ **Configuration wizard for easy installation**
→ **Optional 4G/LTE/5G mobile support for wireless internet access**

Industrial Firewall and Router
IRF1000 series

Industrial Firewall and Router
IRF3000 series

Industrial Firewalls and Router IRF1000 and IRF3000 series
- *IRF1000 series:* Router and Firewall for entry-level application with a machine network up to 100MBit/s
- *IRF3000 series:* High-end router and firewall with up to eight subnets and up to 1000Mbit/s
- Full control over small and large network topologies
- The operator can easily initiate remote maintenance using a key switch
- The entire firewall configuration can be stored on a memory card

The Industrial Internet of Things – Industry 4.0 Collect and send data
- Integration of common IoT protocols (OPC UA, ModbusRTU and ModbusTCP)
- Data Push for predictive maintenance, machine learning and other big data applications
- Connection to any third party cloud via MQTT

Big-LinX® IIoT service- & maintenance-platform

- Worldwide access to machines and plants via smartcard secured VPN
- Administration and management of all installed systems
- Simple data push with Big-LinX

TECHNOLOGY
MADE IN GERMANY

adstec
Industrial IT

IRF1xxx / IRF34xx / IRF38xx

Technical data

	IRF14x1	IRF34x1	IRF38x1
CPU **RAM** **Flash**	ARM 32-bit 567Mhz 512 MB 4 GB	ARM 64-bit 4 x 1.6Ghz 4 GB 8 GB	
Network **Max. physic. subnets**	4 x 100 Mbit/s 2	4 x 1000 Mbit/s 4	8 x 1000 Mbit/s 8
WWAN	EU or EMEA + US	EU or EMEA + US 5G: Europe	
VPN	Big-LinX, OpenVPN, IPSec		
Firewall operating modes	IP-router (two subnets); transparent bridge	IP-router (two subnets); IP-router extended (up to eight subnets); transparent bridge	
Interfaces	1 x RS485 Half Duplex (ModbusRTU) 1 x SCM card slot 1 x SIM card slot for WWAN with WWAN Modul: 1 x SMA for external WWAN antenna	1 x USB 1 x RS485 Half Duplex (ModbusRTU) 1 x SCM card slot 1 x SIM card slot for WWAN 1 x microSD UHS-II card slot for memory expansion with WWAN Modul: 2 x SMA for external WWAN antenna	1 x USB 1 x RS485 Half Duplex (ModbusRTU) 1 x SCM card slot 1 x SIM card slot for WWAN 1 x microSD UHS-II card slot for memory expansion with WWAN Modul: 2 x SMA for external WWAN antenna 1 x SMA for external GPS antenna
Digital In **Digital Out**	1 x -	2 x 1 x	5 x 4 x
DNV GL	✕	Coming 22/23	✕
Operating temperature	-30 °C to +70 °C	-20 °C to +70 °C	
Protection class	IP30	IP20	
Dimensions (W x H x D)	94.8 x 134.5 x 29.9 mm	115.0 x 150.0 x 35.0 mm	115.0 x 150.0 x 57.0 mm

Kreski

Zapraszamy do kontaktu!
Więcej informacji: www.kreski.pl

SecurITy
made in Germany
Trust Seal
www.teletrust.de/itsmig

SecurITy
made in EU
Trust Seal
www.teletrust.de/itsmie

adstec
Industrial IT

DZ-HAND-93276-1/A IRF1000/IRF3000 series Datasheet E 02-2022