

# Technical Data Sheet

## Datasheet



Product Name

Legend

**MYNXG** **EDGE FCR 3**

FIXED  
CELLULAR  
REGULAR



This product is a high performance gateway, which is easy to install in any electrical cabinet or as a standalone. Optimized for monitoring entire systems like bulk tanks, machinery and shop floors it can be extended with virtually any sensor required. It is powered with the MYNXG Gateway OS combining the benefits of Android® and Linux® environments.

### General Data

Supply	24V DC
Connectors	DC Jack / Clamp
Environmental	EN 60529 IP 20
Temperature	-20C to +60C
Conformity	CE, FCC
Dimensions	145 x 125 x 56 mm

### Wireless

Mobile	LTE, 3G, 2G
WIFI	801.11n Hotspot/Client Mode
2 x ISM Band Systems	2 x 868 MHz (EU) / 915 MHz (US)
Ultra Wide Band (UWB)	Realtime Location Services

### Security

Hardware Security	TPM Module BSI certified
Encryption Technology	MYNXG Cyphersuite
Blockchain Technology	MYNXG Blockchain

### Edge Computing

Environment	Android® , Linux®
Operating System	MYNXG Gateway OS
Processor	Intel Atom 3815
Storage / Memory	4 GB Storage / 2 GB Memory
Write your own Edge Apps	API allows the creation of Android Apps and Edge Intelligence

### Wired

Industrial Networks	2 x Gigabit Ethernet PROFINET
Industrial Protocol	PROFINET S7 Siemens compliant
Access to industrial sensors	4 x Hart FIELDComm compliant
Current 4 ... 20 mA	4 x 4 clamps + supply
Voltage 0 ... 10 V	2 x 4 clamps + supply
MYNXG Digital I <sup>2</sup> C Interface	1 x 4 clamps + supply
Serial Interfaces	RS232 / RS 485
USB Interface	USB 2.0 Multi Host
Monitor	DisplayPort

### Product Number

11001X
US and EU Version

**Smart. Realtime. Secure.**