

SNAP Connect E20

SNAP Enabled Gateway



The **SNAP® Connect E20** is a powerful, versatile, and rugged IoT gateway. With SNAP built-in, applications can provide network aggregation and services on-site, or connect to an Internet/cloud service via 3G cellular, Wi-Fi, or wired Ethernet.

TCP/IP connections can even bridge remote SNAP devices into one common network, an effective method for centralizing data storage, performing web-based analytics, and monitoring remote applications.

Powered by Freescale's i.MX 6 processor, the E20 has ample computing power, reliable connectivity options, and a hardened industrial temperature range design making it the ideal networking gateway for large-scale IoT deployments.



Features:

- SNAP Connect ready
- Ubuntu Linux pre-loaded
- Freescale i.MX 6 featuring ARM® Cortex-A9 architecture (800 MHz)
- 4GB NAND Flash
- 512MB DDR3 RAM
- SNAP mesh enabled (2.4GHz, IEEE 802.15.4)
- Wi-Fi networking (2.4GHz, IEEE 802.11 a/b/g/n)
- (Optional) 3G Cellular (CDMA)
- 10/100 Ethernet port
- USB 2.0 Type-A (host)
- USB Micro-B (serial)
- -40°C to +70°C operating temperature (UL certified for +65°C maximum operating temperature)



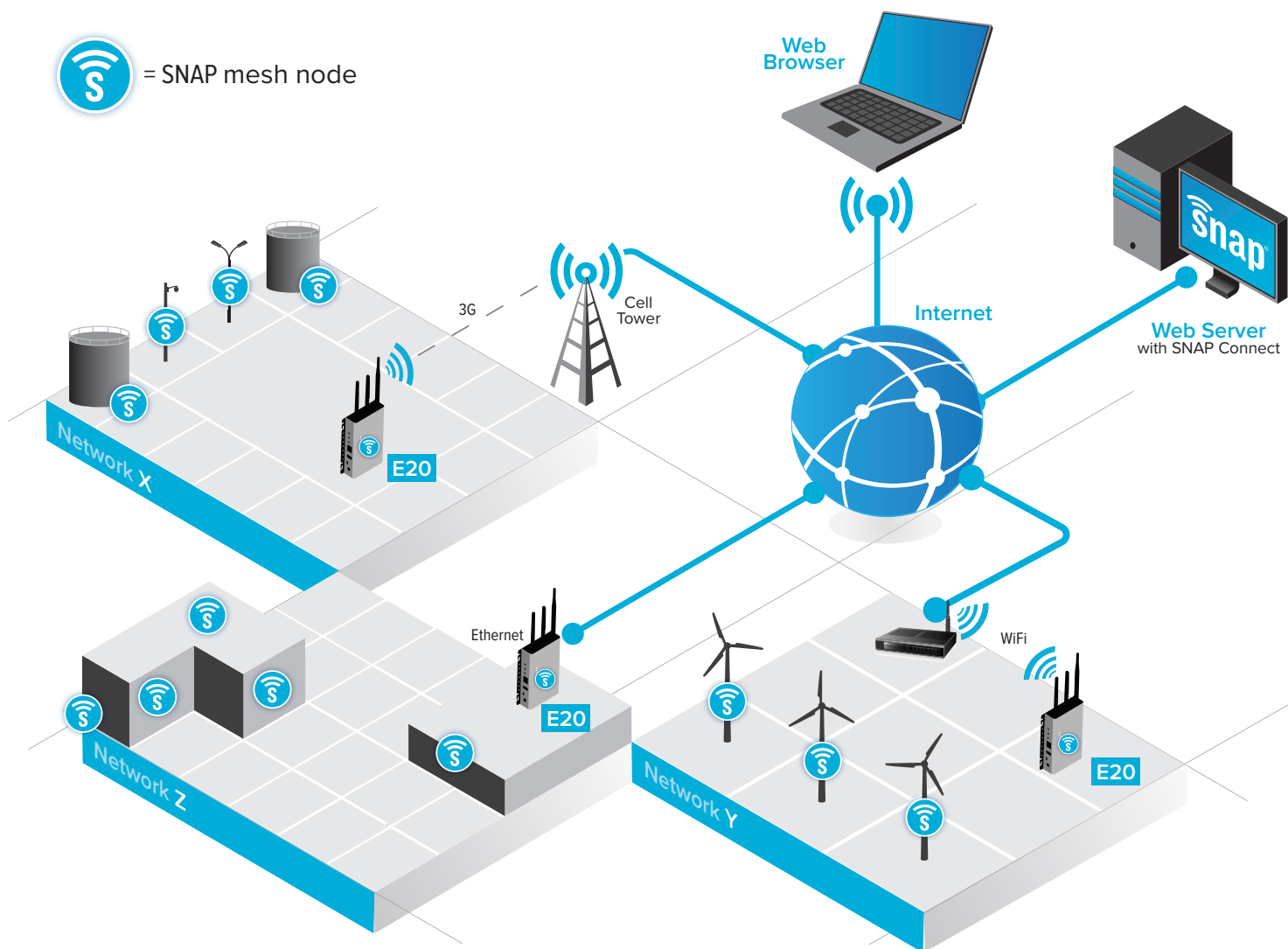
3G



To learn more, visit synapse-wireless.com or call 877-982-7888

SNAP[®] Connect E20

The SNAP Connect E20 gateway connects SNAP networks to the Internet using built-in Ethernet, 3G Cellular, or Wi-Fi. In the example below, the web browser can monitor and control three remote SNAP networks in real time.



Standard model configurations feature DIN-rail enclosure, Synapse SM220, and Molex-type/barrel power connectors:

SC020-010	SNAP Connect E20 Internet gateway, w/o Cell, Wi-Fi, SM220 2.4GHz, 11-26VDC
SC020-020	SNAP Connect E20 Internet gateway, 3G CDMA, Wi-Fi, SM220 2.4GHz, 11-26VDC
AC020-001	AC power adapter for E20 90 ~ 264VAC 12V 1A - US power
AC021-001	DIN rail mount kit for E20