DIGI 6300-CX

Improve business continuity with Digi LTE cellular extenders

The Digi® 6300-CX LTE cellular extender can help eliminate downtime by functioning as either the primary or backup cellular connection. It comes with a carrier-certified embedded cellular modem, for both 3G and 4G LTE with EV-DO fallback. Compatible with any dual-WAN networking appliance, this compact high-performance device achieves more reliable connectivity with your existing equipment.

Deployments are streamlined due to the installation accessories – a disposable battery pack for site survey, PoE injector for optimizing placement for best cellular reception, a mounting bracket -- everything you need for a quick and easy install. Ensure maximum uptime and performance with the flexibility to deploy solutions wherever you need connectivity at a lower cost than traditional Internet connections.

The Digi centralized management platform provides easy setup, configuration and support for installations of Digi and third-party devices. Digi Remote Manager® and aView ™ offer web-based device management solutions to securely monitor and control Digi enterprise routers and gateways -- and the health or your network -- after deployment.

FEATURES AND BENEFITS

- LTE certified embedded cellular modem
- LTE with EV-DO fallback
- Low cost connectivity to any Ethernet device
- Battery pack for site survey to identify optimal mounting location
- Remote mounting kit for quick and easy installation
- Automatic cellular carrier detection with Carrier Smart Select
- Zero-touch provisioning with cloud management
- Compact size (4.3 in x 4.3 in x 1 in)

APPLICATION EXAMPLE

WIRELINE ISP IS DOWN

INTERNET

4G LTE

ISP ROUTER

RETAIL STORE FRONT

Digi 6300-CX

EDGE FIREWALL

LAN

INCLUDED COMPONENTS

Antennas

Power Supply

Temporary Battery

Ethernet Cable

PoE Injector Cable
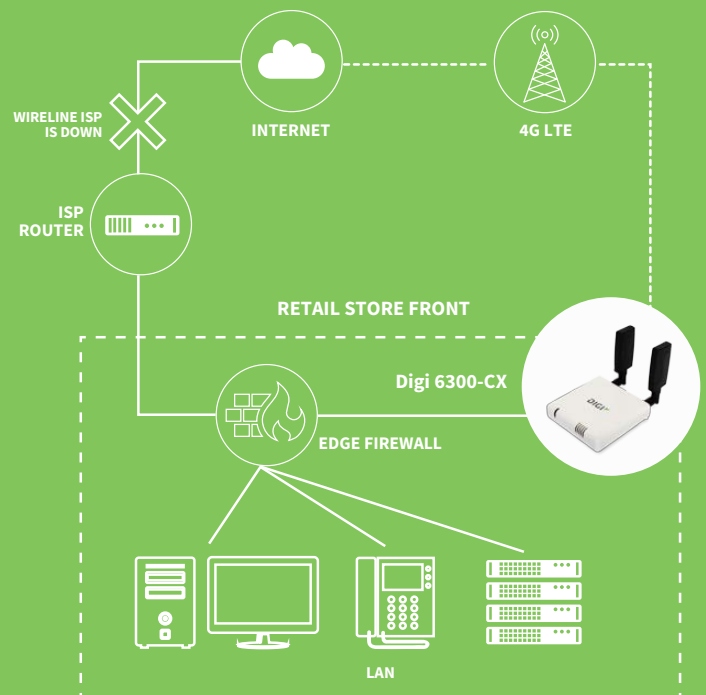
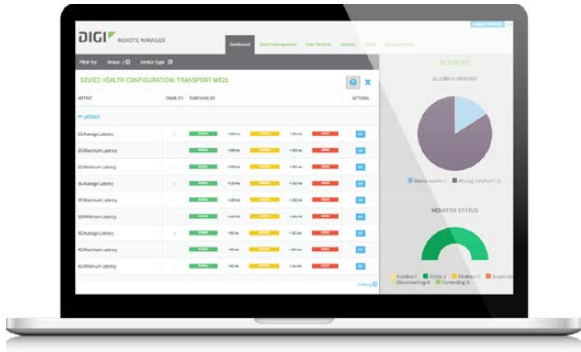| SPECIFICATIONS	DIGI 6300-CX
SOFTWARE	
REMOTE MANAGEMENT	Digi aView™ (cloud based); SNMP v1/v2/v3 (support for Digi Remote Manager® 1Q2019)
PROTOCOLS	RIP, RIPng, OSPFv2, OSPFv3, BGP, Babel, IS-IS
SECURITY	AES, 3DES, IKEv1, OpenVPN, MODECFG, X509, SHA1, DES, MD5, RADIUS, TACACS+
PHYSICAL	
DIMENSIONS (L x W x H)	109 mm x 109 mm x 25 mm (4.3 in x 4.3 in x 1.0 in)
WEIGHT	0.21 kg (7.5 oz)
STATUS LEDs	(1) Power on / cell type, (5) signal cellular strength
POWER REQUIREMENTS	
POWER SUPPLY	15V DC, 800mA; 100-240 AC
OTHER	Remote mounting kit, PoE injector and disposable battery for site survey
ENVIRONMENTAL	
OPERATING TEMPERATURE	0 °C to 40 °C (32 °F to 104 °F)
STORAGE TEMP AND HUMIDITY	-25 °C to 75 °C (-13 °F to 167 °F); 5% to 95% non-condensing
APPROVALS	
EMISSIONS / IMMUNITY	FCC Part 15, Subpart B, Class B; CE, C-Tick/RCM; CAN ICES-3(B)/NMB-3(B)
CELLULAR SPECIFICATIONS	
CELLULAR TYPE	6300-CX02 / 6300-CX03: CAT 3 LTE, EVDO, HSPA+, EDGE, GPRS and GSM; Digi 6300-CX05: CAT 6 LTE-A
CELL ANTENNA	(2) Dipole; Frequency: 700-960/1575-2700 hz; Gain: 1-4 dBi
SIM	(1) SIM card slot (size 2FF)
CELLULAR CERTIFICATIONS	PTCRB, Verizon, AT&T, Bell Canada, T-Mobile (North American SKUs); GCF (EU SKU); Telstra (AU / NZ)
INTERFACES	
ETHERNET PORTS	(1) 10/100 Base-T Ethernet port
WARRANTY	
PRODUCT WARRANTY	3 years

PRODUCT IMAGES

DIGI 6300-CX TOP

1.0"
4.3"   4.3"

DIGI 6300-CX TOP

Tri-color
Power LED

Cell Strength
LEDs

DIGI 6300-CX BACK

ANT1   SIM   WAN   ERASE   ANT2   PWR

Antenna 1   SIM   WAN   ERASE   Power
Antenna 2
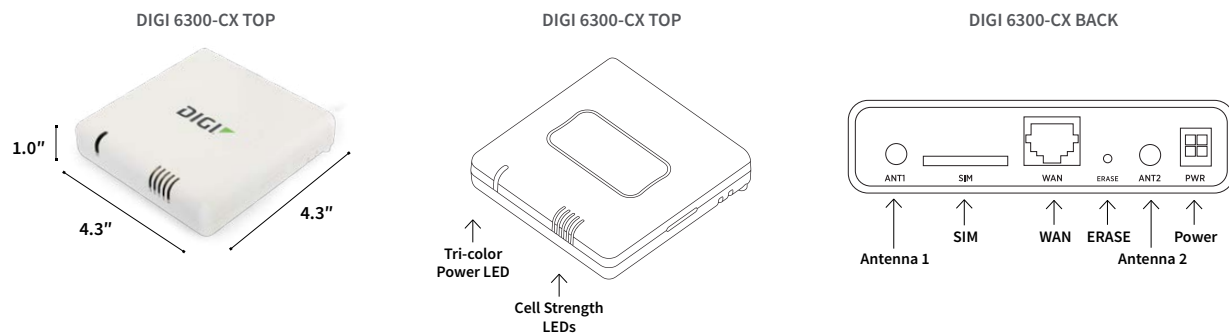
DIGI REMOTE MANAGER® (AVIEW™ CLOUD MANAGEMENT AVAILABLE FOR ENTERPRISE ROUTERS)

CAPABILITIES

– Centralized management of remote devices over 3G/4G/LTE

– Define standard configurations and automatically monitor individual devices for PCI security compliance

– Report and alert on performance statistics, including connection history, signal quality, latency, data usage and packet loss

– No servers or applications to operate and maintain

– Complete tasks for your entire device network in minutes

– Edit configurations and update firmware for your individual devices or groups

– Monitor the status and location of your remote device via a web browser

– Active or deactivate cellular lines and monitor data to ensure you never incur overage charges

INFRASTRUCTURE

– Hosted in a commercial-grade SAS 70-certified environment

– Superior availability, operating to 99.9% or greater

– Open APIs available to support application development

SECURITY

– Certified SSAE-16 facilities

– Over 175 Security Controls in place to protect your data

– Enables compliance with security frameworks like PCI, HIPAA, NIST and more

– Earned SkyHigh's Cloud Trust Program highest ranking of Enterprise-Ready

PART NUMBERS	DIGI 6300-CX
ASB-6300-CX02-OUS	Digi 6300-CX LTE cellular extender: LTE / HSPA+ / EV-DO; Cellular certifications: Verizon, AT&T, Sprint, T-Mobile, PTCRB; US power supply
ASB-6300-CX03-GLB	Digi 6300-CX LTE cellular extender: LTE / HSPA+; Certified countries / regions: European Union, European Economic Area, Switzerland and South Africa; Global power supply with AU, Euro, UK and US interchangeable plug tips
ASB-6300-CX05-GLB	Digi 6300-CX LTE cellular extender: LTE-A; Certified countries: Australia and New Zealand

PART NUMBERS	COMPONENTS
170012	(1) Cellular antenna (black) for Digi 5400-RM, 6300-CX, 6310-DX, 633x-MX, 635x-SR and AT&T VPN devices (replacement part)
560069	Digi 6300-CX temporary site survey battery pack, 9V with 6" power lead, 4 PIN Molex connector (replacement part)
170011	(1) Antenna extender: 48 mm circle antenna magnetic base (base connector: SMA jack; Cable: Low loss CLF; Length: 50 cm with SMA plug (optional)
450052	Digi 6300-CX power supply unit (PSU), 15V DC, THIS PSU WILL HARM A 5400-RM, MPN BI13-150080-I*, PSU 800mA SMPS wallmount 4PIN MOLEX CONNECTOR UNIVERSAL with USA plug option fitted**. White box 96 mm x 44 mm x 65 mm (replacement part)

*For Digi 6300-CX only
**15VDC