

ACCESSORIES & ADD-ON LICENSES



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Antennas

The WiFi and 4G LTE variants of the StrideLinx VPN Router require external antennas to improve signal strength. The 4G LTE antennas use a standard SMA screw antenna connector, and the WiFi antennas use an RP-SMA screw antenna connector.

Several antenna options are available, as follows.

4G LTE Antennas (for P/N SE-SL3011-4G and SE-SL3011-4GG)

STRIDE 4G LTE antennas are available in three versions, providing direct connection, magnetic mount, and panel mount options.

Note: Two antennas will provide best performance, including improved and more predictable throughput and improved resistance to interference. If only one antenna is connected to the router, it must be connected to the MAIN antenna connector, closer to the front of the router.



STRIDE whip/tilt LTE antenna, connector mount.



STRIDE whip/straight LTE antenna, magnetic base mount, 9.8ft/3m cable length.



STRIDE dome LTE antenna, IP67, panel mount, 9.8ft/3m cable length.

4G LTE Antenna Specifications			
	SE-ANT110	SE-ANT130*	SE-ANT150
Fits	SE-SL3011-4G and SE-SL3011-4GG		
Antenna Connector	SMA (M)		
Application	LTE, CDMA, GSM, HSPA, UMTS		
Impedance	50Ω		
Antenna Type	whip, tilt	whip, straight	dome
Cable Length	N/A	3m [9.8 ft]	3m [9.8 ft]
Frequency Range	700-960MHz / 1.71-3.8 GHz	700-960MHz / 1.71-3.5 GHz	700-960MHz / 1.71-2.7 GHz
Gain	-3.0 dBi / 0.9 dBi	-2.5dBi / 0.1dBi	1.2 dBi / 3.2 dBi
Height	2.84 in	13 in	1.89 in
IP Rating	-	-	IP67
Maximum Power	10W	50W	5W
Mounting Screw Torque	NA	NA	2.94 N·m

* Gains listed are based on the antenna being mounted on a suitable ground plane.

WiFi Antennas, IEEE 802.11 b/g/n 2.4 GHz (for P/N SE-SL3011-WF)

STRIDE WiFi antennas are available in two versions, providing direct connection and panel mount options.



STRIDE whip/straight 2.4 GHz WiFi antenna, IP65, connector mount.



STRIDE dome 2.4 GHz WiFi antenna, IP67, panel mount, 9.8ft/3m cable length.

802.11 b/g/n 2.4 GHz WiFi Antenna Specifications		
	SE-ANT210	SE-ANT250
Fits	SE-SL3011-WF	
Antenna Connector	RP-SMA (M)	
Application	802.11 b/g/n	
Impedance	50Ω	
Antenna Type	whip, straight	dome
Cable Length	NA	3m [9.8 ft]
Frequency Range	2.4–2.5 GHz	2.4–2.5 GHz
Gain	1.8 dBi	1.5 dBi
Height	1.2 in	1.89 in
IP Rating	IP65	IP67
Maximum Power	1W	5W
Mounting Screw Torque	NA	2.94 N·m

Add-on Licenses

These optional features provide added services to your StrideLinx remote access. These are not needed for the basic function of the VPN remote access, but can be added to enhance the value of the StrideLinx Cloud to you and your customers.



NOTE: Model SE-SL3001 does not support Cloud Logging or Cloud Notify.

StrideLinx Cloud Logging Options					
	License Duration				
Data Logging Points/hour	1 month	1 year (1 month savings)	2 years (4 months savings)	3 years (9 months savings)	5 years (20 months savings)
1,000	SE-SL010	SE-SL010-1	SE-SL010-2	SE-SL010-3	SE-SL010-5
5,000	SE-SL011	SE-SL011-1	SE-SL011-2	SE-SL011-3	SE-SL011-5
20,000	SE-SL012	SE-SL012-1	SE-SL012-2	SE-SL012-3	SE-SL012-5
50,000	SE-SL013	SE-SL013-1	SE-SL013-2	SE-SL013-3	SE-SL013-5
100,000	SE-SL014	SE-SL014-1	SE-SL014-2	SE-SL014-3	SE-SL014-5
250,000	SE-SL015	SE-SL015-1	SE-SL015-2	SE-SL015-3	SE-SL015-5

* Before purchasing a Cloud Logging activation code, a 30-day free trail may be activated in your StrideLinx account from Fleet Manager.

StrideLinx Add-on Licenses			
Part #	Description	Term	Features
SE-SL001	Service Level Agreement	Valid for 1 month	StrideLinx service level agreement (SLA) license, valid for 1 month, license includes 99.6% availability and 4 hour max consecutive downtime. For use with (1) StrideLinx company.
SE-SL020	Cloud Notify License	Valid for router lifetime	StrideLinx notify license, valid for router lifetime, license includes alarm, trigger, recipient, and priority management with push and email notifications. For use with (1) StrideLinx router.
SE-SL040	Premium Branding License	Valid for company lifetime	StrideLinx premium branding license, valid for company lifetime, license includes white label StrideLinx platform with custom company domain and custom router faceplate graphics. For use with (1) StrideLinx company.
SE-SL050	Mobile App Branding Setup License	Valid for initial setup and first year	StrideLinx mobile app branding setup license, valid for initial setup and first year, license includes creation of white label StrideLinx iOS/Android mobile app with custom corporate identity and company name. For use with (1) StrideLinx company.
SE-SL051	Mobile App Branding License	Valid for 1 year	StrideLinx mobile app sustained service license, valid for 1 year, license includes sustained service of white label StrideLinx iOS/Android mobile app with branding. For use with (1) existing white label StrideLinx iOS/Android mobile app.

* Before purchasing a Cloud Notify activation code, a 30-day free trail may be activated in your StrideLinx account from Fleet Manager.

StrideLinX Extra Monthly Data Usage Options					
Extra Data Usage/Month	License Duration				
	1 month	1 year (1 month savings)	2 years (4 months savings)	3 years (9 months savings)	5 years (20 months savings)
5 GB	SE-SL030	SE-SL030-1	SE-SL030-2	SE-SL030-3	SE-SL030-5
15 GB	SE-SL031	SE-SL031-1	SE-SL031-2	SE-SL031-3	SE-SL031-5
50 GB	SE-SL032	SE-SL032-1	SE-SL032-2	SE-SL032-3	SE-SL032-5

After you purchase these optional features, you will receive an email with an Activation Code. This code is applied to your router in the StrideLinX Cloud. Activation codes can only be used once. So if a device is removed the license will also be removed. This is prevented by deactivating the code and then re-activating it on the same or another router. In the event of accidental removal, a router can also be put into “recovery mode” which will enable it to automatically reacquire a lost license when the device is registered in the cloud again.

Service Level Agreement

Our services are normally provided as is and on a best-effort basis. However, for customers who prefer a specific level of service a Service Level Agreement (SLA) is available for an additional fee. The SLA provides guarantees of 99.6% availability and 4-hour maximum consecutive downtime per router. Full terms of the agreement are available for download from [AutomationDirect.com](https://www.automationdirect.com).

Cloud Logging

The Cloud Logging license is a completely cloud-based solution for gathering remote data from your control components. All the values you have programmed in the PLC can be logged by the StrideLinX logger, easily and securely. All Cloud Logging licenses offer unlimited live monitoring and historical data reporting dashboards, with unlimited number of data tags and unlimited storage for up to 7 years.

Cloud Notify

Cloud Notify allows you to receive notification of conditions occurring in your equipment. For instance, you can set alarms to be notified when your machine breaks down, needs maintenance or when a temperature runs too high. You can categorize notifications as low, medium or high priority, and receive only those notifications that are of importance to you.

Cloud Notify and the StrideLinX router work together seamlessly. Simply add a Cloud Notify license to a router on the StrideLinX Cloud, configure your triggers and the router will start monitoring your machine immediately.

Each Cloud Notify license is assignable to one router, and cannot be reassigned except that the license will still be active for that router if the router is transferred to another company. All Cloud Notify settings will be retained.

Data Top-up

The intended use of the StrideLinx Cloud is secure remote access to industrial control equipment for remote service. A monthly allowance of 10GB data traffic per company account is included, and is sufficient in most cases to accomplish remote service.

When the StrideLinx Cloud is used for other purposes, the data traffic may exceed the 10GB allowance. The StrideLinx Cloud includes optional Data Top-up licenses to increase the monthly limit by an additional 5GB (SE-SL030), an additional 15GB (SE-SL031) or an additional 50GB (SE-SL032)

If the data traffic for a company reaches the monthly limit, further data traffic will be throttled to 50kbit/sec. This is adequate to access and program a PLC.

Although data usage is affected by the number of users accessing the StrideLinx Cloud, we expect the most significant data usage to be from an IP camera connected on the Cloud.

Any Cloud Logging license data does not count toward the data traffic allowance and is not subject to throttling.

Premium Branding and Mobile App Customization

The StrideLinx premium branding license extends the level of customization available on the StrideLinx Cloud. The license includes rebranding of the StrideLinx Cloud with a custom company domain. The mobile app customization license similarly allows you to brand of the mobile apps to add value to your own presence as a data service provider.

See Chapter 2 for more detail on these features.