

## LS20 Simple Installation Note

1. Power on the unit with the AC adapter and connect the LS20 to your LAN using the Ethernet cable included in the shipping package.
2. Obtain the LS20 IP address: connect an analog phone to an FXS port and dial “##” to hear its local IP address.
3. Go to management portal by browsing the obtained IP address.
4. Log into the portal with the password at the bottom of the device.
5. Go to the **LS** menu to setup cloud heartbeat link and IP address segment(s) for IP phone auto discovery and registration.
6. IP phone registration: LS20 will accept IP phone registrations when the cloud (Cloud PBX) heartbeat is lost. Each of the IP phone extension will be extracted from their registration information automatically. As long as LS20 maintains its cloud heartbeat, it will not accept IP phone registrations and will release current registrations.
7. Local survivable calls: FXO and/or 4G SIP trunk could be used for local survivable calls when cloud heartbeat is lost. FXO will be the first choice over 4G if both are available. In this software release, only FXO ports can be used for local survivable calls.
8. Use of FXS ports: the FXS ports can be connected to a fax machine or an emergency analog phone. If there is a power failure, FXS lines will be wired to FXO lines. If the LS20 is powered, in current software release, its FXS ports will not register to the Cloud PBX and they only can be extensions of LS20, and calls initiated from FXS ports will be routed to FXO ports.