

Dear Genie

I have three wishes for my phone system.

1. A system with low-cost and features my small office needs, like built-in Auto Attendant & Voice mail, PC Applications, etc.
2. A system with the technology and flexibility to adjust as my needs evolve and company grows.
3. A system that can meet my remote and mobile user needs now and in the future

**So Genie,
can you give me such
a solution?**



No Genie needed, LG-No needs for your small offi

POWERFUL AND EASY TO USE

The powerful ipLDK-20 is built on state-of-the-art technology with an array of available features developed over years of experience with small business systems. Thus, ipLDK-20 can offer common features like hold, transfer, Conf, and yet offer advanced functionality like VoIP, Networking, WLAN Handsets, Computer Telephony Integration (CTI), USB Connectivity and more...

It is the most powerful system to date in its class, delivering all the basic features as well as advanced communication tools in a solution designed for the competitive advantage your small business needs.

COMMUNICATIONS MADE EVEN EASIER

The stylish LDP family of digital phones, available in limestone or charcoal, successfully delivers the ergonomics and functionality you need for efficient business communications in your office.

The intuitive layout of the LDP phones yields easy access to the features you need. The LDP phones include Fixed and programmable Flex buttons for One-button access to common features, a display menu and soft keys to access more advanced functions, and ergonomic tear-drop button design for easier dialing.

FLEXIBLE GROWTH & INTEROPERABLE WITH ipLDK FAMILY

The smallest member of the ipLDK family, the ipLDK-20 comes equipped to handle 4 CO channels (analog or digital) and 8 extensions. By simply plugging in expansion boards to the ipLDK-20 cabinet, your system can grow to 8 CO channels and 24 extensions. Both digital and analog extensions can be supported to let you flexibly configure the solution best for your business.

Since the ipLDK-20 is built on a common architecture and employs the same operating platform as the larger ipLDK family members, your system can interoperate in a network of ipLDK systems providing common features and dialing over the network. In addition, your small office can easily transition to a larger ipLDK family member without the need for a wholesale change-out of equipment.

rtel's ipLDK-20 fulfills all the office.

MOVE TO VOIP AT YOUR OWN PACE

ipLDK-20 gives you the option to move to VoIP when the time is right for you. Because it has evolved from traditional PBX technology it can be installed and operated as a traditional telephone system and at any stage you can integrate LG-Nortel's advanced VoIP technology into your business.

The advantage of integrating VoIP in stages means you don't have large expenditures of time and money to upgrade your entire network to enjoy the benefits of IP such as toll savings between networked office sites or connections to remote or home offices.

REMOTE SOLUTION OPTIONS- LIP Phone, RSG, SOFTPHONE

The ipLDK-20 supports your home or remote office using either the LIP IP phone or, via a Remote Service Gateway, the LDP digital phone to connect the remote user transparently to the office system.

The remote phone is a fully functional extension that can make and receive calls through the office phone system and access all the features and resources of the host ipLDK-20. The display and LEDs function exactly as if you were on your office phone.

Ideal for the business traveler, the ipLDK-20 also supports the LG-Nortel's IP SoftPhone, which can be installed onto your laptop. This gives you the freedom to access and be part of your business phone system from anywhere in the world through broadband services or wireless hotspots.

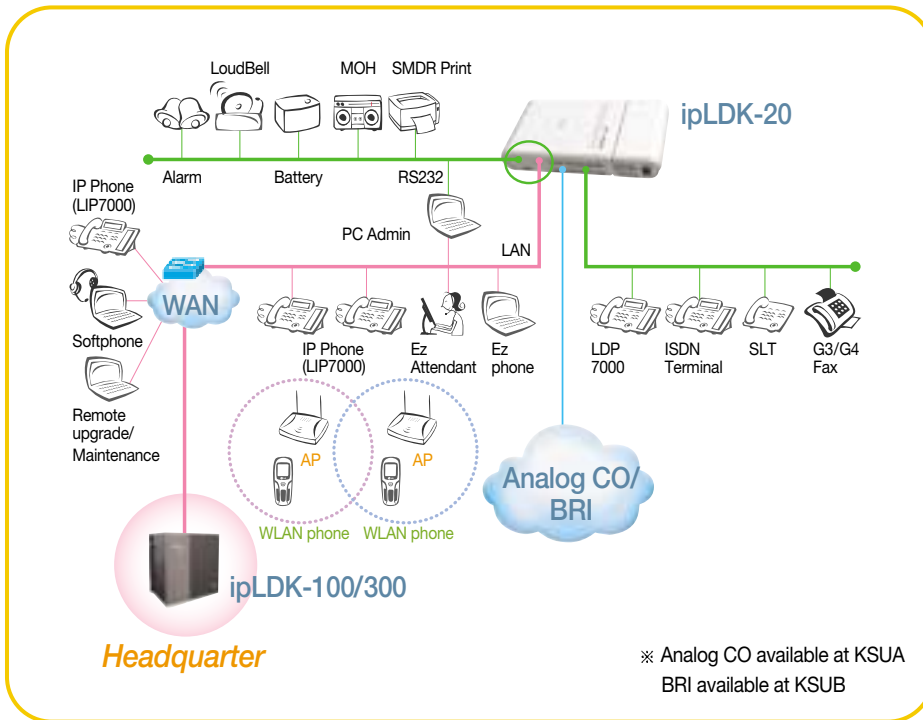
MULTI-LEVEL MOBILITY FOR YOUR BUSINESS

ipLDK-20 integrates multiple wireless technologies so your staff can get the level of mobility they need; locally around the office space, through-out your business office, or wide area with their mobile/cell phone.

Use a standard Bluetooth wireless headset with your LDP-7024 phone and gain local office mobility up to 10 meters from the phone. For in-building mobility, use the LG-Nortel's Wireless LAN Phone with standard WiFi Access points to roam freely throughout your office while you talk. For even broader range mobility, join the user's cell phone to the office phone to make, receive or transfer calls within the ipLDK-20 office system using a cell phone.

» ipLDK-20

(Single office or remote office)



» ipLDK-20



» **Optional
Expandable
module**

» **Basic KSU**

» LDP-7000 series



» 4D



» 24D



» 8D



» 24LD



» 16D



» DSS

» ipLDK-20 offers the following advanced features

- VoIP (8 Ch)
- ISDN
- Integrated Voice Mail & Auto Attendant
- Hybrid ports for flexible configurations (DKTU or SLT)
- WLAN phone for in-building mobility
- CLI Display
- CTI Solutions (ez-Phone & ez-Attendant)
- Networking with other ipLDK systems
- LDP-7000 digital phone series and LIP-7000 IP phone series
- Wall or 19" Rack mountable



System Capacity

Description	ipLDK-20 KSUA	ipLDK-20 KSUB
Basic Configuration (4 CO / 8 Ext)	4 CO / 1DKTU +3Hybrid+ 4 SLT	2 BRI/4 DKTU+ 2 Hybrid+ 2 SLT
Max Total Port (CO Trunk + Extension)	32	32
Max CO Trunk	8	8
Max Extension	24	24
Max VoIP Channel	8ch	8ch
Max BRI	1 BRI(2ch)	4 BRI(8ch)
Max PSTN port	8	4
Internal/External Page		5/1
Alarm Input		1
External Control Contacts		2
Voice Mail/Auto Attendant Ports		2/2
Station/System Speed Dials		100/500
Wireless LAN Extensions		8
DTMF Receiver		5 (3/MBU, 2/SLIB)

General Specification

Item	Description	Specification
PSU	AC Voltage Input	230 +/-10% Volt AC @47~63Hz
	AC Power	70W
	AC Input Fuse	1.0A @ 250Volt AC
	DC Output Voltage	+5, -5, +36Volt DC
Battery Backup	Input Voltage	24 Volt DC
	Battery Fuse	5.0A @ 250Volt AC
	Charging Current	MAX. 100mA
	Battery Load Current	Max. 2A(with Analog CO or ISDN CO)
External Relay Contact		1A @ 30 Volt DC
PFT Relay Contact		1A @ 30 Volt DC
Music Source Input		0 dBm @ 600ohm
External Paging Port		0 dBm @ 600ohm
Ring Detect Sensitivity		30Vrms @ 16~55Hz
DTMF Dialing	Frequency Deviation	Less than +/-1.8%
	Signal Rise Time	MAX.5ms
	Tone Duration, on time	Min.50ms
	Inter-digit Time	Min.30ms
Pulse Dialing	Pulse Rate	10 pps
	Break/Make Ratio	60/40% or 66/33%
Operating	Temperature	0(°C)~40(°C)
Environment	Humidity	0~80%(non condensing)
Dimension	KSU	260mm(W) ×410mm(H) ×86mm(D)
Weight	KSU	2.5(kg)
LAN	LAN Interface	10 Base -T Ethernet(IEEE 802.3)
	Speed	10 Mbps
	Duplex	Half duplex or Full duplex (Auto-Negotiation)
MODU	Analog modem	Bell, ITU-T, V.34, V.32BIS, V.90
		300bps up to 30Kbps speed
		Automatic rate negotiation



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