



farsouth
networks

PRODUCT BROCHURE

Changing the communications
landscape for good

Com.X10 • Com.X20 IP PBX & SIP GATEWAYS



Mobility • Unified Communications • BYOD

Offering VoIP connectivity and a rich communications service
for the SMME user, coupled to a Unified Communications
platform with unbridled BYOD mobility



wanderweb.net

A secure, host portal to connect, provision and
maintain ANY device on ANY network



www.farsouthnet.com

MOBILITY



Use **WANDERWEB** to connect via any network, with 1 NUMBER support

PRODUCTIVITY



Queues, IVR, Camp On, Ring Groups, Call Barging, Click to Dial, Call Recording, Voicemail to Email & more

APPLICATIONS



Operator Panel & User HUD, Real-time Call Center, Compliant "call recording"

SECURITY



Encrypted communications, secure business data

BYOD



Virtual, multimedia, IP phone in a web browser or mobile application

SERVICE ASSURANCE



On premise device, always connected, services always available

SPECIFICATIONS

Rack or Desk mount

CODEC's: Opus, G.729a, G.723, G.711, G.726, ILBC

Interfaces:

- Analogue (FXO PSTN)
- ISDN: Basic Rate & Primary Rate
- Users: Analogue (FXS), IP phones
- Mobile (WebRTC) client [www.wanderweb.net](#)

LAN / WAN:

- X.21 (DB15)
- Gigabit Ethernet (RJ-45)

Telephony port expansion, via LAN based Comma iTA

Fixed Mobile Access:

- GSM 3G/LTE
- 1 SIMM, external, dual diversity antenna

T.38 fax

On-line, remote software updates

Certification: TBR3, TBR4, TE-001, EN60950, CISPR22

South African design & manufacture

1-year h/w warranty & 1-year s/w assurance (extend to 5 years)

ICASA type approval

FEATURES

Managed Services: [www.wanderweb.net](#)
Connect, Provision, Monitor centrally via secure host portal

Protocols: HDLC, PPP/PPPoE, IPv4

Networking: DDNS, DHCP, VPN, NTP, SSH, HTTP, VLAN

Router: NAT & NAT traversal, SIP ALG, Port forwarding

Firewall: Policy and Access Control Lists, Filters, DMZ

QoS:

- Class of Service: VLAN/IEEE 802.1P and DSCP
- QoS: ViBE

IP Gateway:

- WebRTC, SIP, Analogue, BRI & PRI
- Back-to-Back User Agent (B2BUA)
- Call Recording, on device or cloud

IP PBX: Transfer, Follow-me, Call Forwarding, Feature Codes and Pin sets, Parking Lots and Directed Pickup, Ring Groups and Queues, Camp-On, Hot-Desk, Conferencing, Auto-Attendant, Click-to-Dial, Intercom and Announcements, Phone book, Voice Mail and Email Support, Class of Service calls, more...

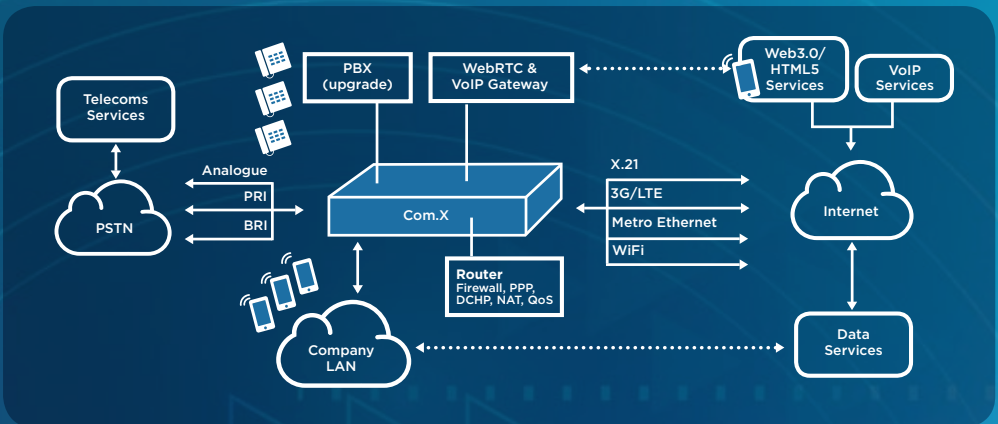
IP phone provisioning: Yealink, Polycom, Escene, snom

Value Added Applications:

- Operator Panel & User HUD
- Hosted "Call Logger" (POPI, FAIS, FICA compliant)
- Unified Communications feature set ([www.wanderweb.net](#))

COM.X10 AND COM.X20 SPECIFICATION BRIEF

FEATURES	COM.X10	COM.X20
Market	SMME	Enterprise
Users	100 to 450	450 to 1000
Concurrent trunk calls	30, 60, 90, 120	320
Server Specification	Intel Bay Trail N2930 CPU Quad core 1.83GHz RAM: 4GB DDR3	Intel i7-3612QE CPU RAM: 8GB DDR3
Maximum G.729a CODEC's	30, 60, 90 & 120 (license upgradable)	360
Non-Volatile Memory Capacity	128GB MSATA, or (optional) 256GB, 512GB	128GB SSD, or Dual 1TB RAID1 HDD
Form-factor	19" x 1U	Multiple 19" x 1U
Extensions	IP, 2 to 8 analogue (FXS)	IP, 100's analogue (FXS)
Trunks	SIP, 2 to 8 analogue (FXO), 4 to 8 BRI, 2 to 4 PRI	SIP, 100's analogue (FXO), Multiple BRI, Up to 12 PRI
Telephony Expansion	Unlimited, refer to Comma ITA product page	
WAN	GbE X.21 (1984kbps max)	GbE
Installation	Rack mount	Rack mount
Ports	4 * GbE 2 * USB2.0	4 * GbE 6 * USB2.0
Dimensions	427mm x 200mm x 44mm	Multiple 1U * 19" units
Power Supply	12Vdc, 5A via ext AC/DC adapter	220V, 50Hz & 12Vdc, 5A ext AC/DC adapter
Recording capacity	128 GB = 260 000 minutes (A-law,wav)	





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Any device. Any place.



FOR MORE INFORMATION
www.farsouthnet.com

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