TAKING USER EXPERIENCE TO THE NEXT LEVEL

Innbox customer-premises equipment

ISKRATEL

Extreme versatility of deployment

Top performance and reliability

Guaranteed return on investment

Iskratel's Innbox customer-premises equipment includes home gateways for fibre and copper access, universal home gateways, fibre-termination and RF CATV units.

INNBOX CPE: PERFORMANCE DELIVERED

Simplicity, innovation and modularity of Innbox CPE make supreme user experience come true. They prevent the operator from being just another dumb-pipe provider – instead, they arm them with top performance and reliability at lower costs.

The Innbox CPE family relieves the operators from superfluous helpdesk tickets and help them solve the issues at a fraction of the cost: excelling in monitoring and diagnostics, Innbox CPE enables operators to optimise all settings remotely. Operators report operational savings of 30-to-70 %.

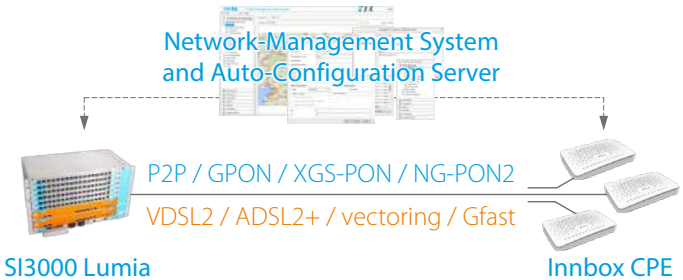
Armed with centralised TR-069 auto-configuration system, Innbox CPE can easily and seamlessly integrate with any network-management system.

Iskratel's teams offer expert support, or meet operators' specific needs by customising the Innbox CPE.

WHAT'S IN THE [INN]BOX?

For optical access, Innbox G-series of GPON home gateways delivers an unrivalled subscriber experience. The family spans from first-class G7x and G8x models to cost-sensitive G2x models, ideal for two-box setups.

Data rates up to 10 Gbps come with the NGPON home gateways. The top-of-the-line, feature-rich Innbox G108 supports XGS-PON and NG-PON2 on a single fibre uplink, while the Innbox X-series delivers dedicated XGS-PON connectivity.



For copper access, Innbox V-series delivers up to 100 Mbps over VDSL2, supporting VDSL2 vectoring, as well as fallback to ADSL2+. Supreme built-in overvoltage protection is standard.

The Innbox U92 is perfect for cases that (may) require migration between access technologies, with its multiple fibre and copper uplinks in a single universal device.

TYPICAL DEPLOYMENT SCENARIOS

In a single-box deployment, the Innbox home gateway is connected over any of the inherently supported access technologies.

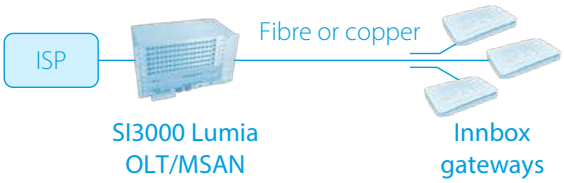
Multi-operator environments (based on bitstream wholesale or unbundling) make dual-operator, dual-box deployment appropriate. The first (termination) box is controlled by the network provider, while the service provider's home gateway delivers the networking capabilities. Innbox CPE fit both roles of such deployment.

A single-operator, dual-box deployment is applicable to support other access technologies such as radio or satellite. Feature-rich Innbox F-series, V-series, or universal home gateways complement the termination box.

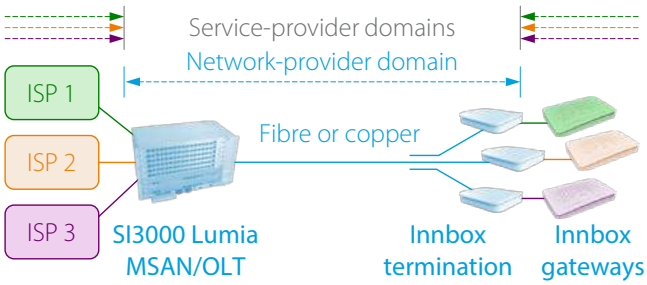
VDSL2/ADSL2+, ETTH and universal CPE

Model	V46	V80	E80	E84	U92
Type	VDSL2/ADSL2+		ETTH		Univ.
Uplink interfaces (WAN)					
GPON					•
GE fibre					•
GE copper	•	•	•	•	•
ADSL2+	•	•			•
VDSL2	•	•			•
3G/LTE	•	•	•		•
Home-network interfaces (LAN)					
FE	4				
GE	1	4/5 [a]	4	4	4
USB	1	1	1		2
Wi-Fi .11n	2×2	2×2	2×2	2×2	2×2
Wi-Fi .11ac		2×2	2×2	4×4 [b]	2×2
Wi-Fi .11ax					2×2
EasyMesh™				•	•
FXS	2	2	1		2
Integr. FTU					•

Single-box deployment for ISPs with own network infrastructure



Single-operator, dual-box deployment for ISPs' services across network-provider's infrastructure



GPON, XGS-PON and mesh CPE

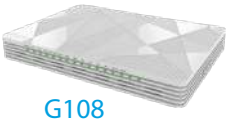
Model	G21	G74	G78	G84	G85	X22	G108	M84
Type	GPON					XGS-PON		Mesh
Uplink interfaces (WAN)								
GPON	•	•	•	•	•			
XGS-PON						•	•	
GE copper		•	•	•	•			
3G/LTE		•	•		•		•	
Wi-Fi .11n								2×2
Wi-Fi .11ac								4×4 [b]
Home-network interfaces (LAN)								
10GE						1 [c]		
GE	1	4	4	4	4	1	4	4
USB		1	1		1		2	
Wi-Fi .11n		2×2	2×2	2×2	2×2		3×3	2×2
Wi-Fi .11ac			3×3 [b]	4×4 [b]	4×4 [b]		3×3	4×4 [b]
Wi-Fi .11ax								
EasyMesh™				•	•			•
FXS		2	1	1	2		2	
UPS		•						
CATV					•			
Integr. FTU		•		•	•			

(a) The fifth port can be used as LAN or WAN; (b) Wave2 MU-MIMO; (c) Multi-gigabit (10/5/2.5 Gbps) LAN port

G84, G85

E84

X22


G108

E80, V80

U92

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