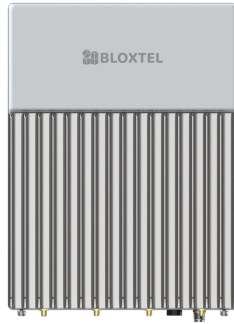


ALL-IN-ONE 5G ACCESS POINT



FRONT VIEW



BACK VIEW

SPECIFICATION	DETAIL
RADIO & RF	
Radio Access Network Stack	3GPP Release 17
Frequency Bands	CBRS Band N48 (3550–3700 MHz) or Band N78 (3300–3800 MHz)
Channel Bandwidth	Up to 100 MHz on Band N78 · up to 40 MHz on Band N48
Antenna Configuration	Internal directional, 8 dBi peak gain · 4×4 MIMO (4DL / 2UL)
Duplex Mode	Time Division Duplex (TDD)
Max. Transmit Power	5–24 dBm / port
Antenna Gain	5 ± 1 dBi
EIRP	(30 dBm + antenna gain) dBm
NETWORK & PERFORMANCE	
Synchronization	GPS
Coverage	Line-of-sight, 100–150 m radius (typical deployment)
Max. Cell Throughput (Band N48)	DDSU: 250 Mbps DL / 80 Mbps UL (4-layer DL, 2-layer UL)
Data Rates, UE Speed Test	~88 Mbps DL / ~78 Mbps UL — subject to backhaul connectivity capacity
Backhaul	10G WAN / 10G SFP+
Max. UEs Supported	Up to 256
SOFTWARE & CORE	
5G Core	Open6GC, based on 3GPP Release 17, with patented asymmetric-authentication support
Management	Operator dApp, a peer-to-peer Web3 app for network ops and remote dSIM® provisioning
AI Assistant	Graham, an Integrated AI agent for 24/7 access point monitoring and predictive maintenance
POWER & ENVIRONMENTAL	
Power Supply	AC 90–264 V or PoE++ (IEEE 802.3bt)
Power Consumption	< 80 W
Operating Temperature	–30°C to 55°C
Operating Humidity	Up to 95%, non-condensing
MECHANICAL	
Status Indicators	4 LEDs — power, sync, status, service
Weight	< 6 kg
Ingress Protection	IP65
Dimensions (W × H × D)	240 × 320 × 100 mm