

PIVOT 5G®

mmWaveSolved

Pivot 5G™ | MODEL 5620

mmWave Network Repeater

Extends and Shapes 5G Coverage on Demand
With Holographic Beam Forming® Technology

Ultra Low-Latency



PARAMETER	DONOR UNIT	SERVICE UNIT			
5G NR Band		n257 (includes n261)	n260		
Frequency of Operation	Band-specific	26.5 to 29.5 GHz	37 to 40 GHz		
Antenna type	HBF	Horn			
Azimuth scan envelope	+/- 45°	N/A			
Elevation scan envelope	+/- 45°	N/A			
Azimuth Beamwidth	≤ 12°	70°	75°		
Elevation Beamwidth	≤ 12°	32°	45°		
MIMO Max EIRP	+43.5 dBm (UL)	42.5 dBm	38 dBm		
Noise Figure at Max Gain - UL / DL	7 dB	5 dB			
Dimensions (height x width x depth)	11.5" x 11.5" x 3"				
Weight (Unit + PoE Converter)	8.8 lbs.	8.4 lbs.			
IP Rating	IP66				
SYSTEM					
EVM at Max Gain - DL / UL	< 8%				
Gain Tunable Range - DL / UL (Oscillation free)	100 dB				
Latency	< 100 ns.				
Operating Temperature	-40° C to +46° C plus solar loading				
Power Consumption (Single Donor Unit and Service Unit)*	n257: Nominal - 85W, not to exceed 100 W n260: Nominal - 115W, not to exceed 130 W				
Power Input Options	-48 VDC or PoE++				
PoE Converter Specifications	Dimensions: 4.92" x 2.15" x 2.24" Weight: 1.1 lbs. IP66				
Commissioning	Wireless via OAM interface				
HW Configurations	(1) Donor and up to (3) Service Units				
Operations and Maintenance interface	LTE Modem				
Mounting Support	Pole, Wall, Rooftop				
Certifications	UL, FCC, GR-3108, GR-1089 MIC** (Japan), RCM** (Australia)				

*With approved power supply

**Planned

The Pivot 5G® model 5620 outdoor network repeater can extend, redirect, and shape mmWave signals from 5G base stations on demand and with low latency. The Pivot is a professionally-installed on-the-pole / on-the-building repeater that uses Pivotal's patented Holographic Beam Forming® technology to achieve the lowest available cost, size, weight, and power consumption profile.

PIVOT 5G MODEL 5620

- Increased maximum Donor Unit range
- Up to 3 Service Units on single Donor Unit
- Simplified cabling and installation
- Operating frequencies: n257 (28 GHz) and n260 (39 GHz)
- Increased MIMO Max EIRP
- NEBS certification

WARNING: This is NOT a CONSUMER device. It is designed for installation by FCC LICENSEES and QUALIFIED INSTALLERS. You MUST have an FCC LICENSE or express consent of an FCC Licensee to operate this device. Unauthorized use may result in significant forfeiture penalties, including penalties in excess of \$100,000 for each continuing violation.