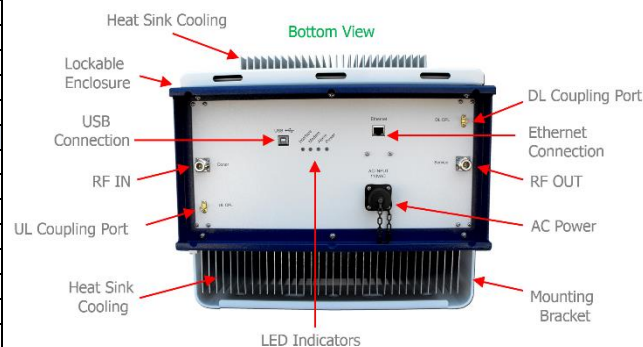


## SPECIFICATIONS

Frequency			Uplink			Downlink						
Range		700 MHz	18 MHz	698 ~ 716 MHz			728 ~ 746 MHz					
			11 MHz	776 ~ 787 MHz			746 ~ 757 MHz					
		800 MHz	25 MHz	824 ~ 849 MHz			869 ~ 894 MHz					
		1900 MHz	65 MHz	1850 ~ 1910 MHz			1930 ~ 1990 MHz					
		1721 MHz	70 MHz	1710 ~ 1780 MHz			2110 ~ 2180 MHz					
Preset Filter Options	1 to 2	700 MHz	29M (A+B+LC+UC)			6M (A,B,LC)			11M (UC)			
	1 to 2	800 MHz	25M (A+B+A'+B')		11M (A)		10M (B)		1.5M (A')		2.5M (B')	
	1 to 4	1900 MHz	65M (A,D,B,E,F,C,G)			15M (A,B,F)		7.5M (C1, C2)		5M (D, E, F, C3, C4, C5,G)		
	1 to 4	1721 MHz	70M (A,B,C,D,E,F,G,H,I,J)			10M (A,B,F,J)			5M (C, D, E, G, H,I)			
Customizable Bandwidth options			1.2MHz, 1.23MHz, 1.25MHz, 1.4MHz, 1.5MHz, 2.5MHz, 3MHz, 3.5MHz, 3.8MHz, 5MHz, 6MHz, 7.5MHz, 10MHz, 11MHz, 14MHz, 15MHz, 18MHz, 20MHz									
Effective Bandwidth			Custom Bandwidth 900 KHz			All Bands						
Output Power			700 / 800 MHz			+17dBm Each Band Total			+24dBm Each Band Total			
			1900 / 1721 MHz			+20dBm Each Band Total			+27dBm Each Band Total			
Gain			Range			52~92 dB			52~88 dB			
			Adjust step			1dB						
			Adjust Accuracy			+/- 1dB						
Gain Variation Over Temp			+/- 2dB / Ambient Room Temp									
Adjacent Channel Power Compensation Level			N/A			< 15dB ~ Downlink						
Noise Figure			<7dB @ Max Gain									
Impedance			50 Ohm									
Propagation Delay			<6usec									
CDMA Spurious Emission			>45dBc@+/- 750KHz			700 / 800 MHz			1 Block @ 17dBm		1 Block @ 24dBm	
			>50dBc @+/- 1.98MHz			1900 / 1721 MHz			1 Block @ 20dBm		1 Block @ 27dBm	
ACLR (LTE)			>45dBc@+/- 5MHz			700 / 800 MHz			1 Block @ 17dBm		1 Block @ 24dBm	
			>45dBc @+/- 10MHz			1900 / 1721 MHz			1 Block @ 20dBm		1 Block @ 27dBm	
ACLR (WCDMA)			>45dBc@+/- 5MHz			700 / 800 MHz			1 Block @ 17dBm		1 Block @ 24dBm	
			>45dBc @+/- 10MHz			1900 / 1721 MHz			1 Block @ 20dBm		1 Block @ 27dBm	
Gain Flatness			700 / 800 MHz			<6dB p-p (Total Bandwidth)			<3dB p-p (Each block)			
			1900 / 1721 MHz			<8dB p-p (Total Bandwidth)			<3dB p-p (Each block)			
EVM			LTE			<8% ( Including Source Signal )						
			WCDMA									
VSWR			<1.5:1									
Wave Form Quality (p) ~ CDMA			>0.98									
Features												
Automatic Gain Control Range (AGC)			≥10dB									
Manual Gain Control Range (MGC) ~ Via GUI			≥40dB									
Automatic Limit Control (ALC)			Will not exceed output power set in GUI									
Automatic Shutdown (MUTE)			Circuit will shut down if alarm goes RED									
Uplink Sleep Mode			When no mobile is detected in range of service antenna, UL will go into sleep									
Environmental												
AC Power		Power Consumption		AC 110V~220V				Stand by ~ 178W		Max ~ 200W		
Operating Temp.				-20 ~ +55°C								
RF Connector				N-type Female (RF IN / OUT) / SMA Female (Coupling port)								
Coupling port				20dBc +/- 3dB								
Environment Condition		Dimension / Weight		IP65 / Outdoor Rated				25" x 16" x 14" / 94 Lbs				
Ext. Interface				RJ 45 , USB B, SMS Connection								
Cooling Fans				Water Proof								
FCC ID:				SQX-LCPA-DR27								



EASY TO USE GUI



## FEATURES:

JDTECK's all-in one Quad Band Digital Repeater can operate in either a pre-set channelized mode, wide-band mode or custom-band mode with just the click of a mouse. This high-powered, gain adjustable, quad band digital repeater is perfect for use in a DAS needing to provide enhanced coverage for all the major Wireless Service Providers (WSP's) simultaneously while yet being able to individually adjust each carrier's gain and output power level. The highly intuitive Graphic User Interface (GUI) allows the user to select the desired active bands or channels they want to amplify, turn down or even turn off the bands they do not want to pass (Uplink & Downlink) all with the click of a mouse. Easily set any alarm trigger point as well as configure and control any parameter of the repeater. Need to narrow the active blocks by just 1 or 2 megahertz to avoid adjacent channel interference? That's no problem with the Quad Band DR Series from JDTECK. This can be done either locally or remotely via Ethernet or USB using any PC or mobile device. It hands down the most intuitive and user friendly GUI designed to date!

- Remote Access & Full Control • Intuitive GUI with USB & Ethernet Connections • 88dB Gain / 27dBm Output Power • FCC Approved • 60 Months Warranty
- 30 Day Money Back Guarantee • MUTE - Auto Shut Down if oscillation is detected • MGC: Manual Gain Control (UL & DL) • Automatic Limit Control Feature
- Coverage Area - (35,000 - 80,000 sq ft) • Supports 90-240 Volts • Alarm LED's for Error Detection • Supports Any Cellular Device (Voice & Data) • AGC Feature
- Automatic Error Notifications via Email (Optional) • Carrier Grade Performance & Quality • Phone Tech Support That's Second to None and is Free!