

DR - 37

# SPECIFICATIONS

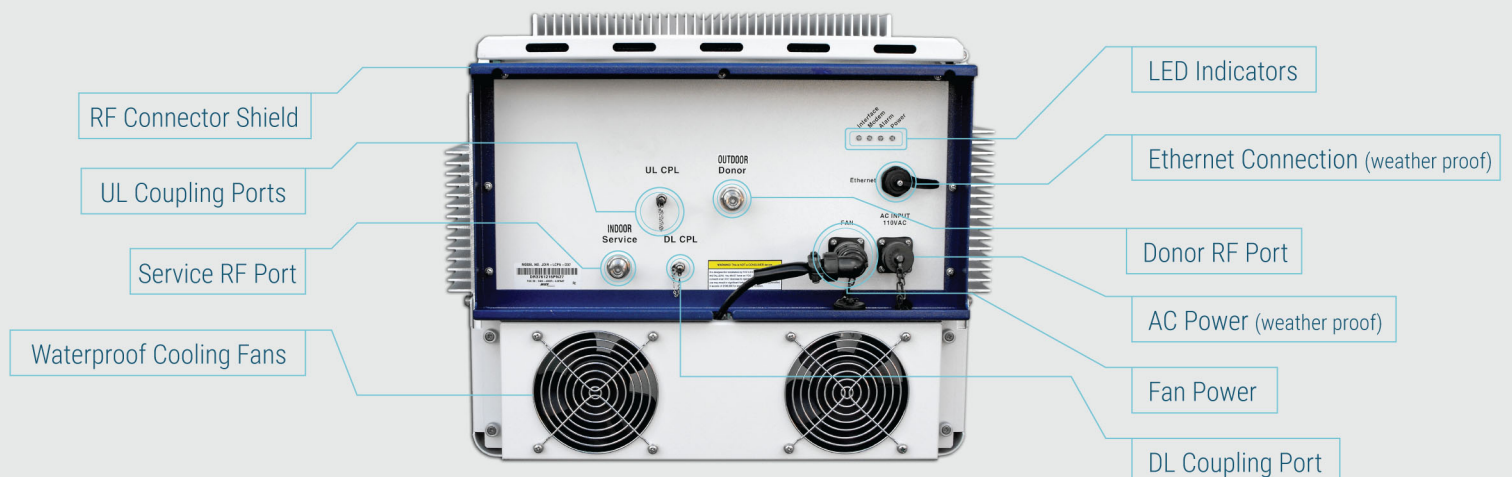
Frequency Specifications		Uplink		Downlink	
700	18 MHz	698 ~ 716 MHz		728 ~ 746 MHz	
	11 MHz	776 ~ 787 MHz		746 ~ 757 MHz	
800	25 MHz	824 ~ 849 MHz		869 ~ 894 MHz	
1900	65 MHz	1850 ~ 1915 MHz		1930 ~ 1995 MHz	
1721	45 MHz	1710 ~ 1755 MHz		2110 ~ 2155 MHz	
700	6MHz (A,B,LC)			11MHz (UC)	
800	11MHz (A)	10MHz (B)	1.5MHz (A')	2.5MHz (B')	
1900	15MHz (A,B,F)	7.5MHz (C1, C2)	5MHz (D, E, F, C3, C4, C5,G)		
1721	10MHz (A,B,F,J)		5MHz (C, D, E, G, H,I,J)		
Band 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				
Output PWR	700 / 800	+17dBm	+20dBm	+24dBm	+34dBm
	1900 / 1721	+20dBm	+23dBm	+27dBm	+37dBm
Gain	Range	52~92 dB	55~85 dB	52~88 dB	62~92 dB
Noise Figure	<7dB @ Max Gain				
MGC Via GUI	≥40dB				
ALC	Will not exceed max. output power of repeater				
MUTE	Circuit will shut down if alarm goes RED				
Uplink Sleep	When no mobile is detected in range of service antenna				
ENVIRONMENTAL					
Power	AC 110V~220V				
Watts	Standby	177.9		149.3	
	Load	199.74		532.8	
Operating Temp.	-40 ~ +55°C				
Rating	IP66 Outdoor				
FCC ID	SQX-DR-LCPA-27		SQX-DR-LCPA-37		

Scan the QR code to learn more about the DR-37



### ATTENTION

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.



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YOU CAN ALSO  
VIEW ACTIVE  
BANDS, THEIR  
PARAMETERS  
AND ANY ALARMS  
RIGHT ON  
THE DASHBOARD!

FIND OUT MORE BY  
GOING TO

[JDTECK.COM](http://JDTECK.COM)

EASY TO  
USE GUI

Master Alarm Indicator

Track GUI Access

Easy to Navigate Dashboard

Select Bands to Support

Set Parameters of Bands Selected

Set Alarm Trigger Points

View Error Logs

Sample RF Input Before Transmission

Setup Email, SMS, IP and Many Other Parameters

View Status of Each Band Monitored

Customize Repeater Name

Connection Indicator (USB / Ethernet)

Overview of All Band Parameters

Varying Colors to Indicate Status

Easy to View Analog Dials



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**5 YEAR WARRANTY!**

**FEATURES INCLUDE:**

- \* EASY TO USE INTUITIVE GUI
- \* EASY TO VIEW ANALOG DIALS
- \* QUAD BAND SUPPORT
- \* AUTOMATIC EMAILS NOTIFICATIONS
- \* MUTE AUTO SHUTDOWN
- \* ADJUST BAND EDGE BY KHz RANGE
- \* ON-BOARD PC MANAGEMENT
- \* ON-BOARD BACKUP POWER (PC)
- \* SET ACTIVE BLOCKS IN BAND
- \* SET NARROW OR WIDEBAND MODE
- \* SET OUTPUT POWER LIMITS
- \* SET GAIN LIMITS
- \* SET UPLINK SLEEP MODE
- \* SET ALARM TRIGGER POINTS
- \* SET EMAIL NOTIFICATIONS
- \* VIEW RSSI VALUES
- \* VIEW AGC VALUES
- \* VIEW MGC VALUES
- \* VIEW OUTPUT POWER VALUES
- \* VIEW OPERATING TEMP VALUES
- \* VIEW ALARM LOGS
- \* SUPPORTS OTA, RF OR FEMTO INPUTS
- \* SUPPORTS IPv4 & IPv6 PROTOCOLS
- \* SUPPORTS USB, ETHERNET & CELL MODEM

