



Proposta Comercial Pregão eletrônico			
Razão Social:	D&B INFORMATICA COMÉRCIO DE ELETROELETRÔNICOS LTDA ME,		
CNPJ:	29.767.790/0001-17	Inc.Est.	258.756.640
Endereço:	Rua Estoril SN Q 44 L 08 SL 01	Bairro:	Forquilhas
Cidade/UF:	São José - SC	CEP:	88107-413
Telefone(s)/Fax:	(48) 3028-4957	E-mail:	db.adri@hotmail.com
Dados para Depósito Bancário: Banco do Brasil			
Agência:	8246	Dígito:	5
Conta:	570	Dígito:	3
Dados do Responsável pela Assinatura do Contrato:			
Nome: ADRIANA FERREIRA DE MELO			
CPF: 007.925.779-81 RG: 3.886.261			
A presente proposta tem como objeto o fornecimento do lote abaixo discriminado, de acordo com as especificações constantes.			

Lote	Item	Descrição Equipamentos e Material	Quan	Marca Modelo	Valor unitário R\$	Valor total R\$
06	15	<p>Ponto de rede sem fio com analisador de espectro e diagnóstico de rádio frequência. Características Mínimas:</p> <p>16.1. Ser à prova d'água com proteção IP67</p> <p>16.2. Operar nas frequências 2,4 e 5 GHz</p> <p>16.3. Troughput de até 300Mbps para 5GHz</p> <p>16.4. Possuir interface de rede, ethernet, Gigabit (1000Mbps)</p> <p>16.5. Possuir conector de antena tipo N fêmea</p> <p>16.6. Possibilitar a alimentação de energia via PoE</p> <p>16.7. Potência de saída de 21dBm</p> <p>16.8. Possibilitar, via ambiente gráfico, análise de espectro e monitoramento do desempenho da rádio frequência</p> <p>16.9. Apresentar a magnitude do vetor de erro (EVM), diagrama de constelação e diagrama de sinal, ruído e interferência (SNI), além da energia agregada de cada frequência</p> <p>https://www.nrstore.com.br/www-nrstore-com-br/ubiquiti-bulletac-ip67-airmax-radio-2-45ghz-dual-band-titanium</p>	04	Ubiquiti BulletAC-IP67	R\$ 1.353,33	R\$ 5.413,32



VALOR TOTAL R\$ 5.413,32 (cinco mil quatrocentos e treze reais e trinta e dois centavos)

Declaro expressamente estarem incluídos no preço cotado todos os impostos, taxas, seguros, bem como quaisquer outras despesas, diretas e indiretas, incidentes sobre o objeto deste certame, nada mais sendo lícito pleitear a esse título. Declaramos para os devidos fins que a empresa prestara a garantia de 12 (doze) meses, nos itens que vier a ganhar neste processo.

Prazo de entrega: conforme edital

Validade Proposta: conforme edital

Garantia: conforme edital

Declaro expressamente que o preço proposto está relacionado a prestações dos serviços previsto neste edital e seus termos de referência.

CONTA CORRENTE: CONTA CORRENTE: BANCO DO BRASIL AG:8246-5 C/C: 570-3

Nome completo: ADRIANA FERREIRA DE MELO

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função na empresa: SOCIA

São José SC dia 31 de março de 2026

ADRIANA FERREIRA
DE
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MELO:00792577981
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CPF: 007.925.779-81

RG: 3.886.261

Ponto a ponto

Ponto de rede sem fio com analisador de espectro e diagnóstico de rádio frequência. Características Mínimas:	https://www.nrstore.com.br/www-nrstore-com-br/ubiquiti-bulletac-ip67-airmax-radio-2-45ghz-dual-band-titanium
16.1. Ser à prova d'água com proteção IP67	Modelo: BulletAC-IP67 Resistência a Condições Climáticas: Design com certificação IP67 para proteção contra poeira, chuva e neve.
16.2. Operar nas frequências 2,4 e 5 GHz	Mbps (2.4GHz), 300+ Mbps (5GHz)
16.3. Troughput de até 300Mbps para 5GHz	Throughput: 160+ Mbps (2.4GHz), 300+ Mbps (5GHz)
16.4. Possuir interface de rede, ethernet, Gigabit (1000Mbps)	Interface de rede: Porta Ethernet Gigabit
16.5. Possuir conector de antena tipo N fêmea	Conexão Plug and Play: Fácil instalação em qualquer antena com conector N fêmea para criar uma base AirMax rapidamente.
16.6. Possibilitar a alimentação de energia via PoE	Método de alimentação: PoE passivo 24VDC
16.7. Potência de saída de 21dBm	Potência de saída: 21 dBm
16.8. Possibilitar, via ambiente gráfico, análise de espectro e monitoramento do desempenho da rádio frequência	rádio AirMax de alto desempenho projetado para redes avançadas que exigem robustez e confiabilidade.
16.9. Apresentar a magnitude do vetor de erro (EVM), diagrama de constelação e diagrama de sinal, ruído e interferência (SNI), além da energia agregada de cada frequência	Magnitude (EVM) constellation diagrams • Signal, Noise, and Interference (SNI) diagrams



BULLET™ AC

Dual-Band airMAX® AC Radio with
Dedicated Wi-Fi Management

Models: B-DB-AC, BulletAC-IP67

airMAX ac Technology for 300+ Mbps Throughput at 5 GHz

Superior Processing by airMAX Engine with Custom IC

Directly Connects to Any Antenna with N-Type Connector



Overview

Ubiquiti Networks designed airMAX ac radios for high performance and ease of installation. You have the freedom to deploy the Bullet™ AC anywhere in the world, as it allows for a high degree of flexibility in configuring channel bandwidths (subject to local country regulations).

Zero-Variable Deployment

The Bullet AC eliminates the need to use RF cables and requires no special antenna or tools to install. There are no radio card / host board issues, no RF cable quality concerns, no mechanical stability concerns, and no enclosure mounting requirements. With the Bullet AC, operators can just plug in and go.

Software

airOS® 8

airOS® 8 is the revolutionary operating system for Ubiquiti® airMAX ac products.

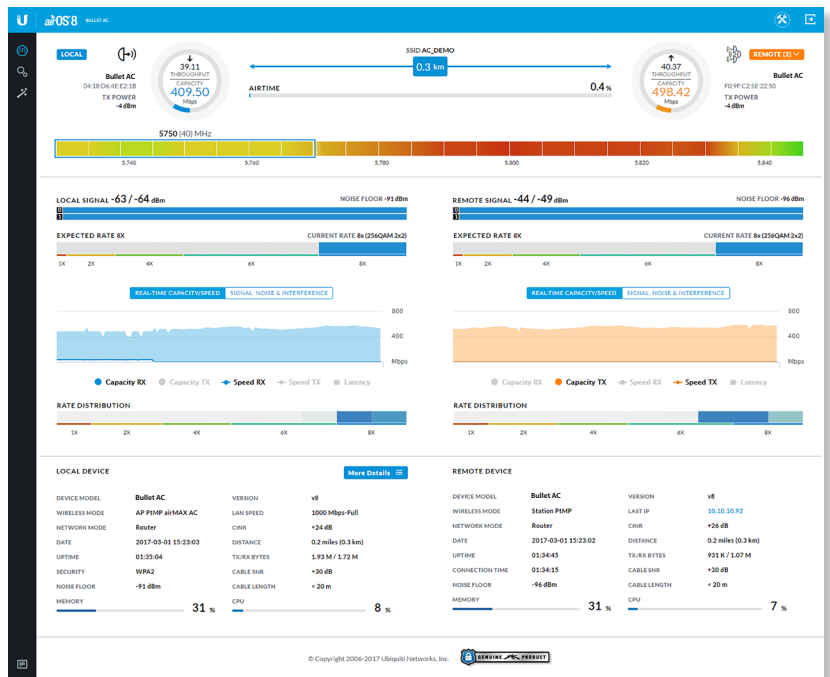
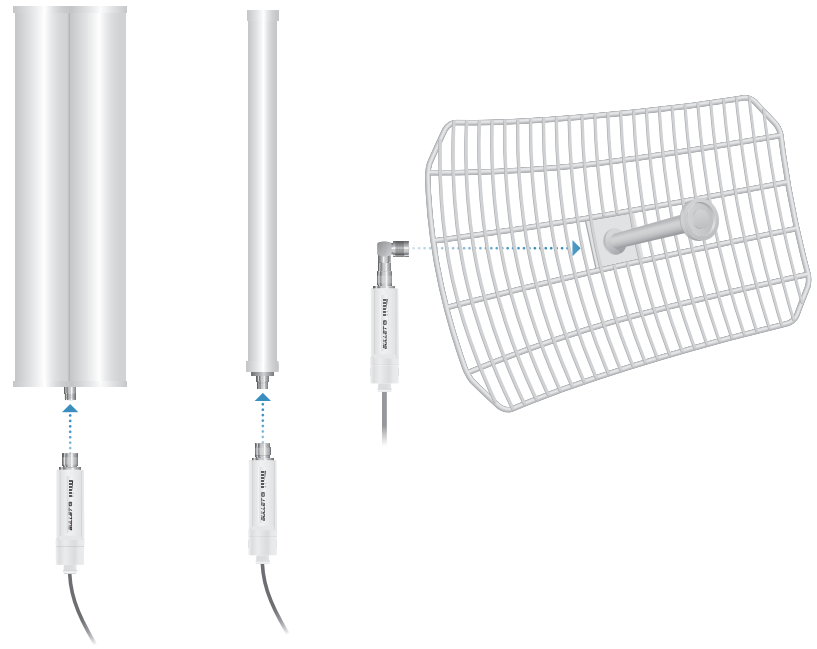
Powerful Wireless Features

- Access Point PtMP airMAX Mixed Mode
- airMAX ac Protocol Support
- Long-Range Point-to-Point (PtP) Link Mode
- Selectable Channel Width
 - PtP: 10/20/30/40/50/60/80 MHz
 - PtMP: 10/20/30/40 MHz
- Automatic Channel Selection
- Transmit Power Control: Automatic/Manual
- Automatic Distance Selection (ACK Timing)
- Strongest WPA2 Security

Usability Enhancements

- airMagic® Channel Selection Tool
- Redesigned User Interface
- Dynamic Configuration Changes
- Instant Input Validation
- HTML5 Technology
- Optimization for Mobile Devices
- Detailed Device Statistics
- Comprehensive Array of Diagnostic Tools, including RF Diagnostics and airView® Spectrum Analyzer

Installation Options



Advanced RF Analytics

airMAX ac devices feature a multi-radio architecture to power a revolutionary RF analytics engine.

An independent processor on the PCBA powers a second, dedicated radio, which persistently analyzes the full 5 GHz spectrum and every received symbol to provide you with the most advanced RF analytics in the industry.

Data from the spectrum analysis and RF performance monitoring is displayed on the Dashboard and airView Spectrum Analyzer.

Real-Time Reporting

airOS 8 displays the following RF information:

- Persistent RF Error Vector Magnitude (EVM) constellation diagrams
- Signal, Noise, and Interference (SNI) diagrams
- Noise Floor diagrams
- Expected/Current Rate diagrams

Spectral Analysis

airView allows you to identify noise signatures and plan your networks to minimize noise interference. airView performs the following functions:

- Constantly monitors environmental noise
- Collects energy data points in real-time spectral views
- Helps optimize channel selection, network design, and wireless performance

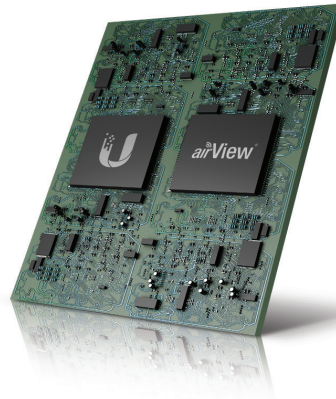
airView runs in the background without disabling the wireless link, so there is no disruption to the network.

In airView, there are three spectral views, each of which represents different data.

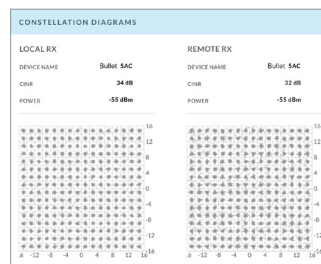
- **Waterfall** Aggregate energy collected for each frequency
- **Waveform** Aggregate energy collected
- **Ambient Noise Level** Background noise energy shown as a function of frequency

airView provides powerful spectrum analyzer functionality, eliminating the need to rent or purchase additional equipment for conducting site surveys.

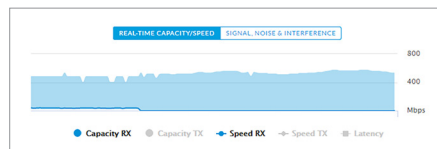
Multi-Radio Architecture



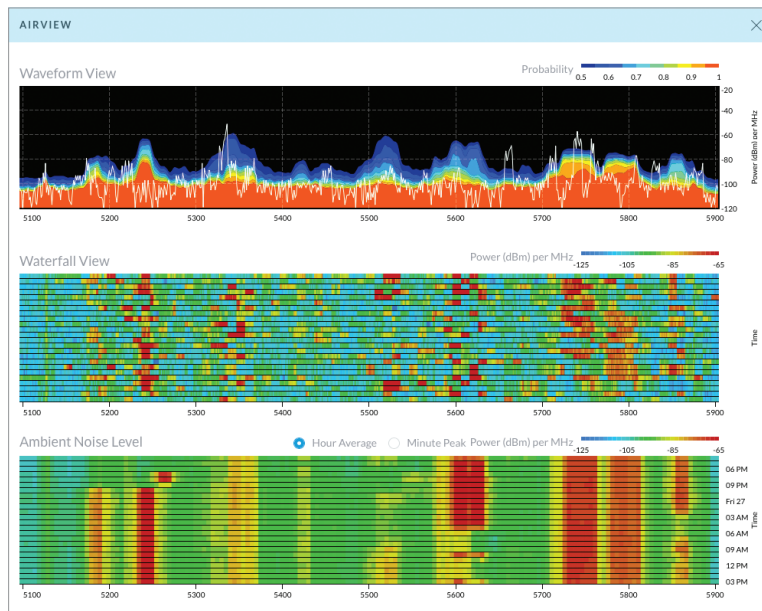
Constellation Diagram



SNI Diagram



Dedicated Spectral Analysis



Technology



Unlike standard Wi-Fi protocol, Ubiquiti's Time Division Multiple Access (TDMA) airMAX ac protocol allows each client to send and receive data using pre-designated time slots scheduled by an intelligent AP controller.

This time slot method eliminates hidden node collisions and maximizes airtime efficiency, so airMAX ac technology provides performance improvements in latency, noise immunity, scalability, and throughput compared to other outdoor systems in its class.

Intelligent QoS Priority assigned to voice/video for seamless streaming.

Scalability High capacity and scalability.

Long Distance Capable of high-speed, carrier-class links.

Superior Performance

The next-generation airMAX ac technology boosts the advantages of our proprietary TDMA protocol.

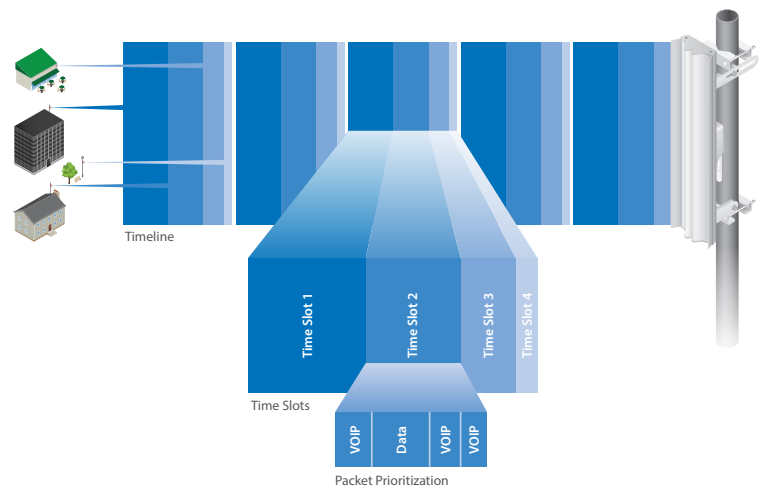
Ubiquiti's airMAX engine with custom IC dramatically improves TDMA latency and network scalability. The custom silicon provides hardware acceleration capabilities to the airMAX scheduler, to support the high data rates and dense modulation used in airMAX ac technology.

Throughput Breakthrough

airMAX ac supports high data rates, which require dense modulation: 256QAM – a significant increase from 64QAM, which is used in airMAX.

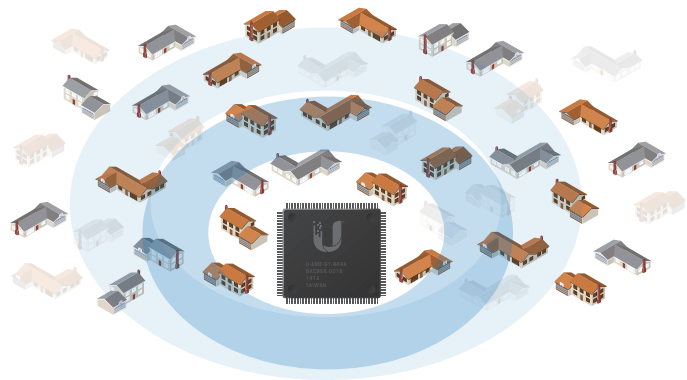
With their use of proprietary airMAX ac technology, airMAX ac products supports up to 500+ Mbps (maximum 80 MHz channel width) real TCP/IP throughput – up to triple the throughput of standard airMAX products.

airMAX ac TDMA Technology

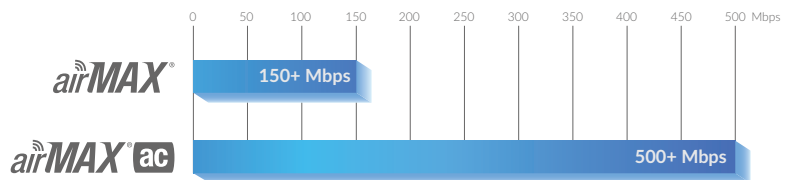


Up to 100 airMAX ac stations can be connected to an airMAX ac Sector; four airMAX ac stations are shown to illustrate the general concept.

airMAX ac Network Scalability



Superior Throughput Performance



Hardware Overview

The Bullet AC is a fully integrated radio that delivers up to 300+ Mbps Real TCP/IP throughput.

Features

Dual-Band Frequency The Bullet AC covers both 2.4 and 5 GHz radio bands, covering a wide range of frequencies that work well for both short and long-distance links.

Output Power The B-DB-AC offers up to 22 dBm of output power, while the BulletAC-IP67 offers 21 dBm.

Passive Power over Ethernet (PoE) 24V Passive PoE functionality is included. Both power and data are carried over a single Ethernet cable to the Bullet AC. Use a PoE Adapter (not included) or an optional PoE switch.

Weatherproof Design The durable casing of the Bullet AC can withstand nature's harshest outdoor elements. The BulletAC-IP67 features a robust IP67 weather-resistant body that protects against dust and water.

Plug and Play Integration No special tools or antennas are required to install the Bullet AC. Simply plug in and go.



Model: B-DB-AC



Model: BulletAC-IP67



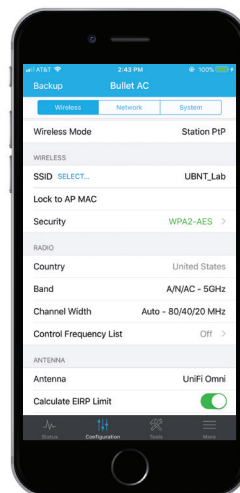
UNMS App

The Bullet AC integrates a separate Wi-Fi radio for fast and easy setup using the Ubiquiti Network Management System (UNMS) app on your mobile device.

Accessing airOS via Wi-Fi

The UNMS™ app provides instant accessibility to the airOS configuration interface and can be downloaded from the App Store® (iOS) or Google Play™ (Android). UNMS allows you to set up, configure, and manage your device, and offers various configuration options once you're connected or logged in.

UNMS Configuration Screen



Specifications

B-DB-AC	
Dimensions	190 x 46 x 46 mm (7.48 x 1.81 x 1.81")
Weight	116 g (4.09 oz)
Enclosure	Polycarbonate
Networking Interface	Gigabit Ethernet Port
Antenna Connector	N-Type Connector
Throughput 2.4 GHz 5 GHz	160+ Mbps 300+ Mbps
Max. Power Consumption	8W
Output Power	22 dBm
Power Supply	24VDC, 0.3A (Minimum)
Power Method	24V Passive PoE (Pairs 4, 5+; 7, 8 Return)
ESD/EMP Protection	± 24 kV Contact / Air
Operating Temperature	-40 to 70° C (-40 to 158° F)
Operating Humidity	5 to 95% Noncondensing
Shock and Vibration	ETSI300-019-1.4
Certifications	CE, FCC, IC

B-DB-AC Output Power: 22 dBm							
TX Power Specifications				RX Power Specifications			
Modulation	Data Rate	Avg. TX	Tolerance	Modulation	Data Rate	Sensitivity	Tolerance
airMAX ac	1x BPSK (½)	22 dBm	± 2 dB	airMAX ac	1x BPSK (½)	-93 dBm	± 2 dB
	2x QPSK (½)	22 dBm	± 2 dB		2x QPSK (½)	-92 dBm	± 2 dB
	2x QPSK (¾)	22 dBm	± 2 dB		2x QPSK (¾)	-89 dBm	± 2 dB
	4x 16QAM (½)	22 dBm	± 2 dB		4x 16QAM (½)	-87 dBm	± 2 dB
	4x 16QAM (¾)	22 dBm	± 2 dB		4x 16QAM (¾)	-83 dBm	± 2 dB
	6x 64QAM (¾)	22 dBm	± 2 dB		6x 64QAM (¾)	-80 dBm	± 2 dB
	6x 64QAM (¾)	21 dBm	± 2 dB		6x 64QAM (¾)	-74 dBm	± 2 dB
	6x 64QAM (¾)	20 dBm	± 2 dB		6x 64QAM (¾)	-71 dBm	± 2 dB
	8x 256QAM (¾)	18 dBm	± 2 dB		8x 256QAM (¾)	-66 dBm	± 2 dB
	8x 256QAM (¾)	18 dBm	± 2 dB		8x 256QAM (¾)	-62 dBm	± 2 dB

Operating Frequency (MHz)	
Worldwide	2412 - 2472 5150 - 5875
USA	2412 - 2462
	U-NII-1 5150 - 5250

Management Radio (MHz)	
Worldwide	2412 - 2472
USA	2412 - 2462

Specifications

BulletAC-IP67	
Dimensions	190 x 46 x 46 mm (7.48 x 1.81 x 1.81")
Weight	213 g (7.51 oz)
Enclosure	Aluminum and Rubber
Networking Interface	Gigabit Ethernet Port
Antenna Connector	N-Type Connector
Throughput	
2.4 GHz	160+ Mbps
5 GHz	300+ Mbps
Max. Power Consumption	7W
Output Power	21 dBm
Power Supply	24VDC, 0.3A (Minimum)
Power Method	24V Passive PoE (Pairs 4, 5+; 7, 8 Return)
ESD/EMP Protection	± 24 kV Contact / Air
Operating Temperature	-40 to 70° C (-40 to 158° F)
Operating Humidity	5 to 95% Noncondensing
Shock and Vibration	ETSI300-019-1.4
Certifications	CE, FCC, IC

BulletAC-IP67 Output Power: 21 dBm							
TX Power Specifications				RX Power Specifications			
Modulation	Data Rate	Avg. TX	Tolerance	Modulation	Data Rate	Sensitivity	Tolerance
airMAX ac	1x BPSK (½)	21 dBm	± 2 dB	airMAX ac	1x BPSK (½)	-93 dBm	± 2 dB
	2x QPSK (½)	21 dBm	± 2 dB		2x QPSK (½)	-92 dBm	± 2 dB
	2x QPSK (¾)	21 dBm	± 2 dB		2x QPSK (¾)	-89 dBm	± 2 dB
	4x 16QAM (½)	21 dBm	± 2 dB		4x 16QAM (½)	-87 dBm	± 2 dB
	4x 16QAM (¾)	21 dBm	± 2 dB		4x 16QAM (¾)	-83 dBm	± 2 dB
	6x 64QAM (¾)	21 dBm	± 2 dB		6x 64QAM (¾)	-80 dBm	± 2 dB
	6x 64QAM (¾)	20 dBm	± 2 dB		6x 64QAM (¾)	-74 dBm	± 2 dB
	6x 64QAM (¾)	19 dBm	± 2 dB		6x 64QAM (¾)	-71 dBm	± 2 dB
	8x 256QAM (¾)	17 dBm	± 2 dB		8x 256QAM (¾)	-66 dBm	± 2 dB
	8x 256QAM (¾)	17 dBm	± 2 dB		8x 256QAM (¾)	-62 dBm	± 2 dB

Operating Frequency (MHz)	
Worldwide	2412 - 2472 5150 - 5875
USA	2412 - 2462
	U-NII-1 5150 - 5250
	U-NII-3 5725 - 5850

Management Radio (MHz)	
Worldwide	2412 - 2472
USA	2412 - 2462



ANEXO VII PREGÃO ELETRÔNICO Nº PE-0636/2026
INFORMAÇÕES DA EMPRESA VENCEDORA PARA CONTRATAÇÃO

Razão Social/Nome: Empresa D&B INFORMATICA COMÉRCIO DE ELETROELETRÔNICOS LTDA
ME

Endereço: Rua ESTORIL nº Q44 L08 SL01 - Bairro FORQUILHAS

Município: SÃO JOSE

Estado: SC

CEP: 88107-413

CNPJ: 29.767.790/0001/17

Telefones: (48) 3028-49-57

E-Mail: DB.ADRI@HOTMAIL.COM

Banco: BRASIL

Agência: 8246-5

Conta: 570-3

Representante legal/Nome responsável pela assinatura do Contrato: ADRIANA FERREIRA DE MELO

CPF: 007.925.779-81

Documento de Identidade: 3.886.261

Cargo/Função na empresa: Socia

Telefones: (48) 3028-49-57

Celular: (48) 99903-36-05

São José SC dia 31 de Março de 2026

ADRIANA
FERREIRA DE
MELO:007925779
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por ADRIANA FERREIRA DE
MELO:00792577981
Dados: 2026.03.31
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ADRIANA FERREIRA DE MELO

CPF: 007.925.779-81

RG: 3.886.261

Lista de Equipamentos UBNT Homologados no Brasil

Gerada em 19/12/2016

# certificado de Homologação Anatel	Modelo(s)	# CCT NCC	Classificação do certificado para manutenção
1692-15-8356	PBE-M5_400	NCC 12023/15	categ. 2 - manutenção a cada 2 anos
0883-15-8356	AM-5G17	NCC 11883/15	categ. 2 - manutenção a cada 2 anos
1107-15-8356	PBE-M5-300	NCC 11900/15	categ. 2 - manutenção a cada 2 anos
0989-15-8356	AF-5	NCC 11885/15	categ. 2 - manutenção a cada 2 anos
0994-15-8356	AF-5U	NCC 11886/15	categ. 2 - manutenção a cada 2 anos
0888-15-8356	ERLite-3	NCC 11882/15	categ. 3 - manutenção indeterminada
0843-15-8356	ER-8 ERPro-8	NCC 11884/15	categ. 3 - manutenção indeterminada
0836-15-8356	ERPeo-5	NCC 11951/15	categ. 3 - manutenção indeterminada
1245-15-8356	ES-24-250W	NCC 11954/15	categ. 3 - manutenção indeterminada
0837-15-8356	Tough Switch PoE	NCC 11952/15	categ. 3 - manutenção indeterminada
0838-15-8356	Tough Switch PoE PRO	NCC 11953/15	categ. 3 - manutenção indeterminada
1572-15-8356	UAP-AC UAP-AC Outdoor	NCC 12004/15	categ. 2 - manutenção a cada 2 anos
2427-15-8356	UniFi AP LONG RANGE	NCC 12193/15	categ. 2 - manutenção a cada 2 anos
2678-15-8356	ES-48-500W	NCC 12283/15	categ. 3 - manutenção indeterminada
2895-15-8356	NBE-M5-16	NCC 12328/15	categ. 2 - manutenção a cada 2 anos
2792-15-8356	AG-HP-5G	NCC 12333/15	categ. 2 - manutenção a cada 2 anos
2861-15-8356	R5AC-Lite	NCC 12354/15	categ. 2 - manutenção a cada 2 anos
2894-15-8356	NBE-M5-19	NCC 12339/15	categ. 2 - manutenção a cada 2 anos
2900-15-8356	AF-5X	NCC 12425/15	categ. 2 - manutenção a cada 2 anos
3491-15-8356	Rocket M5	NCC 12465/15	categ. 2 - manutenção a cada 2 anos
3472-15-8356	UniFi AP	NCC 12503/15	categ. 2 - manutenção a cada 2 anos
3274-15-8356	RD-5G30-LW	NCC 12453/15	categ. 2 - manutenção a cada 2 anos
3730-15-8356	AM-5G20	NCC 12567/15	categ. 2 - manutenção a cada 2 anos
4154-15-8356	UAP-Outdoor+	NCC 12708/15	categ. 2 - manutenção a cada 2 anos
3896-15-8356	NBE-5AC-19	NCC 12605/15	categ. 2 - manutenção a cada 2 anos
0723-16-8356	LBE-M5-23	NCC 13060/16	categ. 2 - manutenção a cada 2 anos
01409-16-08356	UAP-AC-LR	NCC 13277/16	categ. 2 - manutenção a cada 2 anos
01405-16-08356	UAP-AC-LITE	NCC 13185/16	categ. 2 - manutenção a cada 2 anos
0445-16-8356	AF-2X	NCC 12986/16	categ. 2 - manutenção a cada 2 anos
02162-16-08356	AM-5AC21-60	NCC 13367/16	categ. 2 - manutenção a cada 2 anos
02419-16-08356	ES-48-750W	NCC 13426/16	categ. 3 - manutenção indeterminada
02418-16-08356	ES-24-500W	NCC 13414/16	categ. 3 - manutenção indeterminada
02577-16-08356	ER-X	NCC 13440/16	categ. 3 - manutenção indeterminada
02579-16-08356	ER-X-SFP	NCC 13441/16	categ. 3 - manutenção indeterminada
01943-16-08356	UAP-AC-PRO	NCC 13341/16	categ. 2 - manutenção a cada 2 anos
03198-16-05966	RocketDish-5G30 RocketDish-5G34	NCC 13555/16	categ. 2 - manutenção a cada 2 anos

Informações fornecidas por

www.flytec.com.py

