



Gerenciamento WEB da HR1066



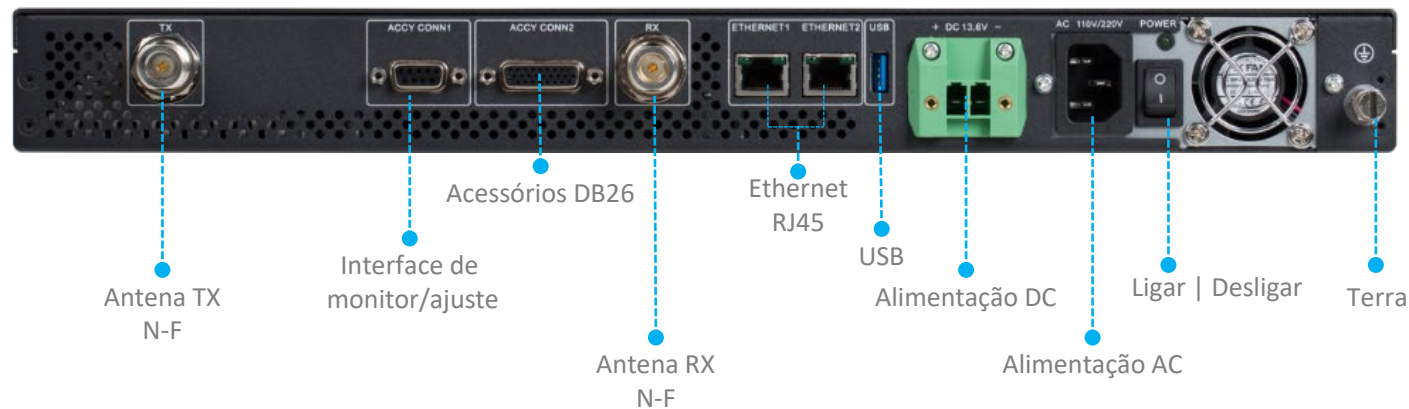
Julio Roland
Engenheiro e Instrutor



AGENDA

- **Overview da HR1066**
- **Gerenciamento WEB**

HR1066



HR1066

Hytera

- UHF: 400-470Mhz
- VHF: 136-174Mhz
- 350-400Mhz
- Potência de RF: 5-50w
- Fonte Automática (AC 100/240v, DC13,8v)
- 64 Canais
- Analógico – DMR 2 – Modo Misto
- XPT **Licença**
- DMR 3 **Licença**
- Simulcast **Licença**

- Peso 5,8kg
- Link Wireless / SIP / Back to Back
- Tamanho 1U
- Switch + Roteador + Gateway SIP*
- 02 Portas de rede *
- Sensibilidade de RX 0.22uV
- Criptografia avançada **Licença**
- IP Site Connect **Licença**



* Versão Avançada

Repeater
Web
Management

Login

Language

English



Sign In

Gerenciamento Web



HR1066

- Radio Information
- Common
- Conventional
 - General Setting
 - Setting
 - Accessories
 - Buttons
 - Telemetry
 - Multi CTC/CDC
 - Network**
 - IP Configuration
 - Access Manager
 - CWID
 - Zone
 - Channel
 - Digital Common
 - Digital Services
 - Scan
 - Fusion System
 - Phone
 - PBX

BroadCast Trap Enable

GPS Trap Enable

Local Machine Info Trap Enable

XNMS Access Code

SNMP V3

SNMP V3

USM User

Security Level

Auth Algorithm

Auth Password

Privacy Algorithm

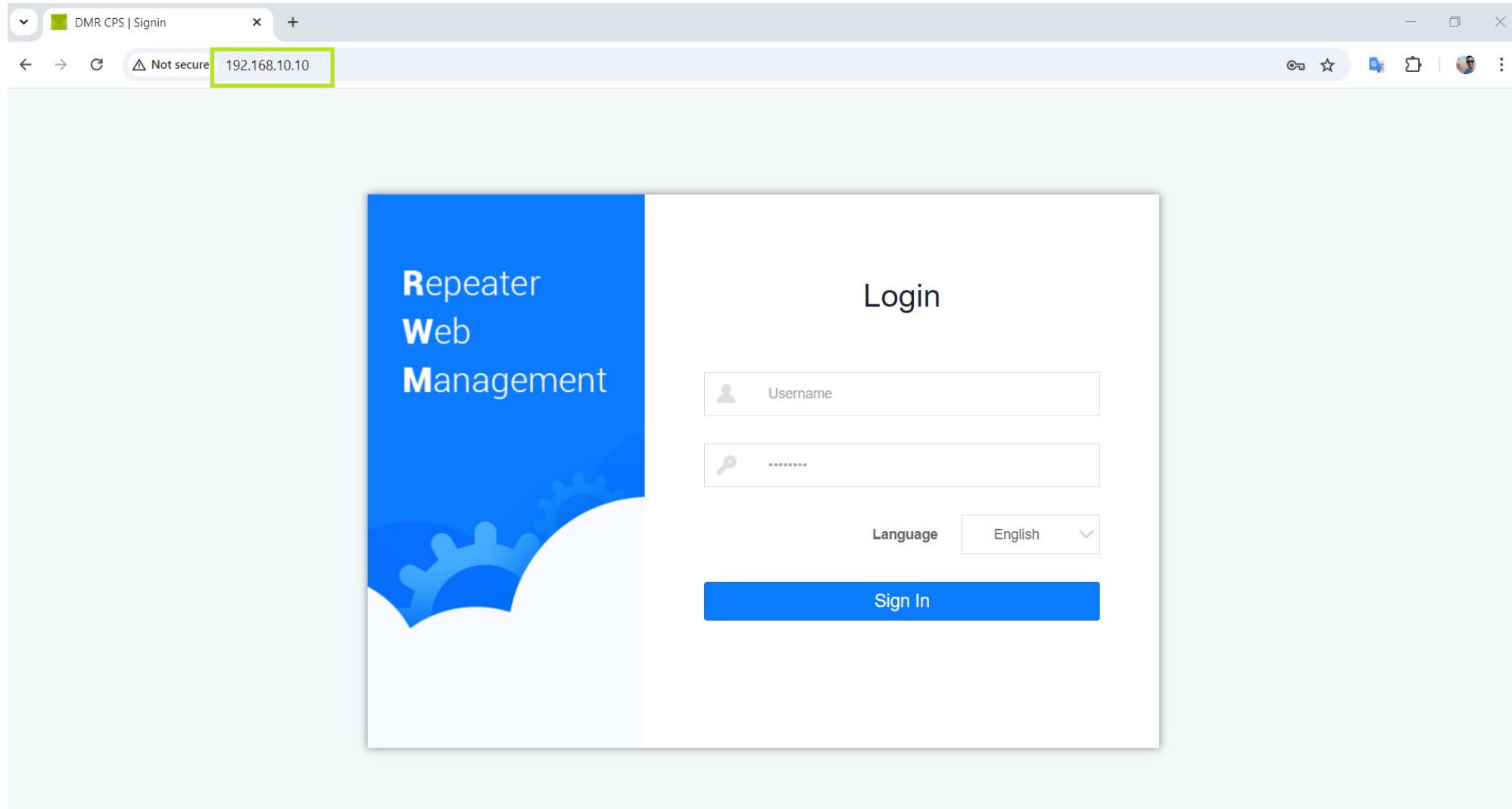
Privacy Password

Context Name

WEB

WEB Service

Gerenciamento Web



DMR CPS | Signin

Not secure 192.168.10.10

**Repeater
Web
Management**

Login

Language English

Sign In

 Radio Information

 Public Setting

 NetworkSetting 

 Conventional Setting 

Radio Information

Basic Information

Authorization State

Radio Alias

REPETIDORA

Serial Number

23N12A0070

Model Name

HR1066

Model Number

HRA66-0000000S-0000DC-U1-0-A

Model Type

Repeater

Frequency Range[MHz]

400-470

Radio Data Version

D2.5.24.025

Firmware Version





A2.5.15.027

Coprocessor Version

V2.0.28.000

Last Programmed Date

20240829


-  Radio Information
-  Public Setting
-  NetworkSetting ▼
-  Conventional Setting ▼

Radio Information





Basic Information Authorization State

Type	Repeater Mode Control	Conventional Feature In Repeater	CommonFeature	XPT Trunking Feature In Repeater
Content	XPT Trunking <input checked="" type="checkbox"/>	IP Multi-site Connect <input checked="" type="checkbox"/>	Only Narrow Band <input type="checkbox"/>	XPT Multi-Sites <input type="checkbox"/>
	Conventional	Full Encrypt DMR <input type="checkbox"/>		XPT Max Site Num
	Analog&Digital Mode ▼	Scrambler Basic <input checked="" type="checkbox"/>		16 ▼
		Basic Encrypt <input checked="" type="checkbox"/>		
		Vocoder Type		
		AMBE ▼		

 Radio Information

 Public Setting

 NetworkSetting 

 Conventional Setting 

Public Setting

Basic

Digital Common

Accessories

Rent

High Tx Power[W]

50

Low Tx Power[W]

1



Gerenciamento Web



 Radio Information

 Public Setting

 NetworkSetting 

 Conventional Setting 

Public Setting

Basic Digital Common Accessories Rent

Dial Rules	None	▼
Province NP	328	▲▼
Police NP	804	▲▼
Tx Preamble Duration[ms]	960	▲▼
Group Call Hang Time[s]	0.0	▲▼
Private Call Hang Time[s]	0.0	▲▼
Phone Call Hang Time[s]	0.0	▲▼
Emergency Call Hang Time[s]	4.0	▲▼
SIT[s]	6	▲▼
Beacon Tx Mode	Local	▼
Beacon Duration[ms]	720	▲▼

Public Setting



Radio Information



Public Setting



NetworkSetting



Conventional Setting



Basic

Digital Common

Accessories

Rest

Basic Setting

Accessory Port UART Baudrate

115200



Parity Bit

None



Data Bit

8



Stop Bit

1



GPIO Pins

UART Transfer

disabled



Debounce Duration[ms]

100




Repeater Backup

Network Abnormal Backup Enable

Gerenciamento Web



 Radio Information

 Public Setting

 NetworkSetting

 Conventional Setting

Basic Digital Common Accessories Rent

	ActiveLevel	Feature	Debounce
Pin#3	Low 	None 	<input checked="" type="checkbox"/>
Pin#12	Low 	None 	<input checked="" type="checkbox"/>
Pin#16	Low 	Ext Mic PTT 	<input checked="" type="checkbox"/>
Pin#20	Low 	None 	<input checked="" type="checkbox"/>
Pin#22	Low 	None 	<input checked="" type="checkbox"/>
Pin#23	Low 	None 	<input checked="" type="checkbox"/>

Priority Control

Phone Priority

Path Priority

PTT Request 

PTT Priority

Remote PTT 



Repeat Request Priority

Local Repeating 

 Radio Information

 Public Setting

 NetworkSetting 

 Conventional Setting 

Public Setting

Basic

Digital Common

Accessories

Rent

Rent

Rent Days

1



Rent Hours

0



Rent Minutes


0



Gerenciamento Web

 Radio Information

 Public Setting

 NetworkSetting 

 IP Setting

 Conventional Setting 

IP Setting

IP setup mode



Route



Switch

WAN Setting

IP setup mode

Static 

IP Address

192.168.1.100

Netmask

255.255.255.0

Gateway IP

192.168.1.1

DNS Server

8.8.8.8

LAN Setting

IP Address

192.168.2.1


Netmask

255.255.255.0

Open DHCP

Start IP address

192.168.2.100

 Radio Information

 Public Setting

 NetworkSetting 

 IP Setting

 Conventional Setting 


IP Setting

IP setup mode



Route



Switch 

IP setup mode

Static 

IP Address

192.168.10.10

Netmask

255.255.255.0

Gateway IP

192.168.10.1

DNS Server

8.8.8.8

Gerenciamento Web



Radio Information

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Conventional Setting

Basic configuration

Conventional Network

Phone System

PBX

Zone Setting

Channel Setting

Scan List

Restart Device

Basic configuration

Setting

Access Manager

Multi CTC/CDC

CWID

Basic Setting

Analog Call Hang Time [s]

0.0

Repeat Gain [dB]

0.0

Repeat TOT Time[s]

Infinite

TOT Pre-alert Time[s]

30

TOT Pre-alert Interval Time[s]

10

TOT Re-Repeat Time[s]

5

LocalPTT TOT Time[s]

Infinite



Gerenciamento Web



 Radio Information


 Public Setting

 NetworkSetting 


 Conventional Setting 


 Basic configuration

 Conventional Network

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 Scan List

 Restart Device

Power On

Designated Power-on Channel

Power on Channel

 Grupo 1 

Alarm Setting

Over Temperature

Forward Power

VSWR

Tx Unlock

Rx Unlock

Over/Low Voltage

Gerenciamento Web



Radio Information

Public Setting

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Restart Device

Basic configuration

Setting Access Manager Multi CTC/CDC CWID

Local Access Management

Local Access Management

No.	Start ID	End ID
1	1	100
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0

Multisite Access Management

Multisite Access Management Disable

Expand Capacity Enable

Gerenciamento Web



Radio Information

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Basic configuration

Setting Access Manager Multi CTC/CDC CWID

Multi CTC/CDC

No.	Decode	Encode
1		
2	None	None
3	None	None
4	None	None
5	None	None
6	None	None
7	None	None
8	None	None
9	None	None
10	None	None

Gerenciamento Web



Radio Information

Public Setting

NetworkSetting ∨

Conventional Setting ∧

Basic configuration

Conventional Network

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Restart Device

Basic configuration

Setting

Access Manager

Multi CTC/CDC

CWID

CWID

CWID On

ID

Tone Frequency[Hz] ∧
∨

Tx Interval[min] ∧
∨

Mix Mode Timer[min] ∧
∨

Rate[wpm] ∧
∨

Transmitted without CTC/CDC

Gerenciamento Web



Radio Information

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Conventional Network



IP Connection Configuration SubMaster/SlaveParameters Application Programming Interface Remote Upgrade Service SNMP

Repeater Type	Single Site
Jitter Buffer Length	1
Network Authentication Key	*****
Master IP	0.0.0.0
Master UDP Port	50000
IP Connect Networking UDP Port	50000
P2P Firewall Open Timer[sec]	6
Voice & Data UDP Port	50001
Master Domain Name On/Off	<input type="checkbox"/>
Domain Names	Domain Names

 Radio Information


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 Conventional Setting 

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 Conventional Network

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Conventional Network

IP Connection Configuration

SubMaster/SlaveParameters

Application Programming Interface

Remote Upgrade Service

SNMP

Master IP

0.0.0.0

Master UDP Port

50000

IP Connect Networking UDP Port

60000

Voice & Data UDP Port

60001

Gerenciamento Web



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Conventional Network

IP Connection Configuration SubMaster/SlaveParameters Application Programming Interface Remote Upgrade Service SNMP

Third Party Connect Mode	Normal
RTP Packet Buffer Length	6
Forward To PC	<input checked="" type="checkbox"/>
Third Party Server IP	192.168.10.200
API Interface Mode	Defined Mode
Radio RRS Slot1 Port	30001 <input checked="" type="checkbox"/>
Radio RRS Slot2 Port	30002 <input checked="" type="checkbox"/>
Radio GPS Slot1 Port	30003 <input checked="" type="checkbox"/>
Radio GPS Slot2 Port	30004 <input checked="" type="checkbox"/>
Radio Telemetry Slot1 Port	30005 <input checked="" type="checkbox"/>
Radio Telemetry Slot2 Port	30006 <input checked="" type="checkbox"/>

Gerenciamento Web



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IP Connection Configuration

SubMaster/SlaveParameters

Application Programming Interface

Remote Upgrade Service

SNMP

Analog Voice Service Port

30016



E2E Slot1 Port

30017



E2E Slot2 Port

30018



Self Defined Message Slot1 Port

3017



Self Defined Message Slot2 Port

3018



OTAP Enable



OTAP Server IP

192.168.10.200

OTAP Slot1 Port

30050



OTAP Slot2 Port

30052



Backup Third Party Server IP Enable



Backup Third Party Server IP

192.168.10.200

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 Restart Device

Conventional Network

IP Connection Configuration SubMaster/SlaveParameters Application Programming Interface Remote Upgrade Service SNMP

Remote Upgrade Enable	<input checked="" type="checkbox"/>
Remote Upgrade Service IP	<input type="text" value="192.168.10.200"/>
Remote Upgrade Service UDP Port	<input type="text" value="69"/>
Remote Upgrade Local UDP Port	<input type="text" value="69"/>
Remote Upgrade Firewall Open Time[s]	<input type="text" value="20"/>

Gerenciamento Web



Radio Information

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Restart Device

Conventional Network

[IP Connection Configuration](#) [SubMaster/SlaveParameters](#) [Application Programming Interface](#) [Remote Upgrade Service](#) [SNMP](#)

SNMP Trap Port

162

SNMP Trap IP

192.168.10.200

SNMP Trap Interval

10

SNMP Local Port

161

Broad Cast Trap Enable



GPS Trap Enable



Local Machine Trap Enable



XNMS Access Code

Selected SNMP V3



USM User

admin

Security Level

No Auth, No Priv

- Radio Information
- Public Setting
- NetworkSetting
- Conventional Setting
- Basic configuration
- Conventional Network

Phone System

PBX

Zone Setting

Channel Setting

Scan List

Restart Device

Phone System

Phone System

Phone Call List

Telephone Interconnection Enable	<input type="checkbox"/>
Telephone Gateway IP	192.168.1.1
Radio Voice Service Slot1 Port	30020
Radio Voice Service Slot2 Port	30022
PBX Access Code	123456
Phone Gateway ID	65279
Wait PBX ACK Timer[s]	3
Radio De-key Beep Enable	<input type="checkbox"/>
TOT Phone Time[m]	Infinite
Phone Gain [dB]	0.0
SIP Remote Port	5060

Gerenciamento Web



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Restart Device

PBX

Extension Relay List Out Rule In Rule IVR RTP Setting

PBX Enable

Extension Password

No.	Extension
-----	-----------

Gerenciamento Web



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- Channel Setting
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Restart Device

Zone Setting

Zone Alias



Channel List

Available		No.	Members
CH D3	Add >>	1	Grupo 1
CH A1			
CH A2			
CH A3	<< Remove		
CH M1			
CH M2			
CH M3			
CH D2			

 Radio Information


 Public Setting

 NetworkSetting 


 Conventional Setting 

 Basic configuration


 Conventional Network

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 Restart Device

Channel Setting

Digital Channel

Analog Channel

Mixed Channel

NO.	Channel Alias	Power Level	Receive Frequency[MHZ]	Transmit Frequency[MHZ]	Color Code
1	Grupo 1	Low	459.112500	469.112500	1
2	CH D2	Low	420.075000	430.000000	1
3	CH D3	Low	440.075000	450.000000	1



- Radio Information
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- Channel Setting**
- Scan List

Channel Setting



Digital Channel Analog Channel Mixed Channel

NO.	Channel Alias	Power Level	Receive Frequency[MHz]	Transmit Frequency[MHz]	Rx	
					CTCSS/CDCSS Type	CTCSS
1	CH A1	Low	400.075000	410.000000	None	67.0
2	CH A2	Low	420.075000	430.000000	None	67.0
3	CH A3	Low	440.075000	450.000000	None	67.0









 Restart Device

- Radio Information
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- Scan List

Channel Setting



Digital Channel Analog Channel Mixed Channel

NO.	Channel Alias	MHz]	Transmit Frequency[MHz]	Color Code	Slot Operation	Operation
1	CH M1		410.000000	1	Slot 1	 
2	CH M2		430.000000	1	Slot 1	 
3	CH M3		450.000000	1	Slot 1	 



 Restart Device

Gerenciamento Web



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Scan List

Restart Device

Scan List

Available

No.	Members
1	Selected

Add >> Up

<< Remove Down

Scan List Alias: Scan List 1 Hang Time[s]: 3.0

Scan Tx Mode: Selected

Designated Tx Channel: [Empty]

Priority Channel 1: None

Priority Channel 2: None



Hytera

INOVANDO para um Mundo Mais Seguro

Julio Roland
Engenheiro e Instrutor