



TELECOMMUNICATION ELECTRONIC

 **iSRC-OMID**
INTEGRATED SMART RADIO COMMUNICATION

 **MACOM**

G-SRC mod: G3
Gateway - SRC [smart radio communication]
omidansanatco.com



i.SRC - OMID
www.omidansanatco.com



G.SRC mod: G4

Interface Smart radio communication

Model Number	i_SRC (E)	mod: i3
Operating System	embedded System	
Chipset	Dspick cori3	
Software ver:	i3-50	
Wif	wireless:IEEE 802.11n,IEEE 802.11g,IEEE 802.11b wired:IEEE 802.3,IEEE 802.3u	
Antenna	Onboard antenna / External Antenna	
Frequency	2.4-2.4835G	
Port 1	LAN / WAN	
Status display Panel	7 segments	
Power supply - DC	12 v	
Port 2	IDC-BOX	
R- signal code Tone	1 / 2	
R-S- date TTL	1	
Frame Protocol	Baud rate 9600.bps omid-ver3	
Weight	80 g	
Length	2 × 5 × 10 cm	
Storage Temperature	-30°c to +80°c	
operating Temperature	-10°c to +55°c	



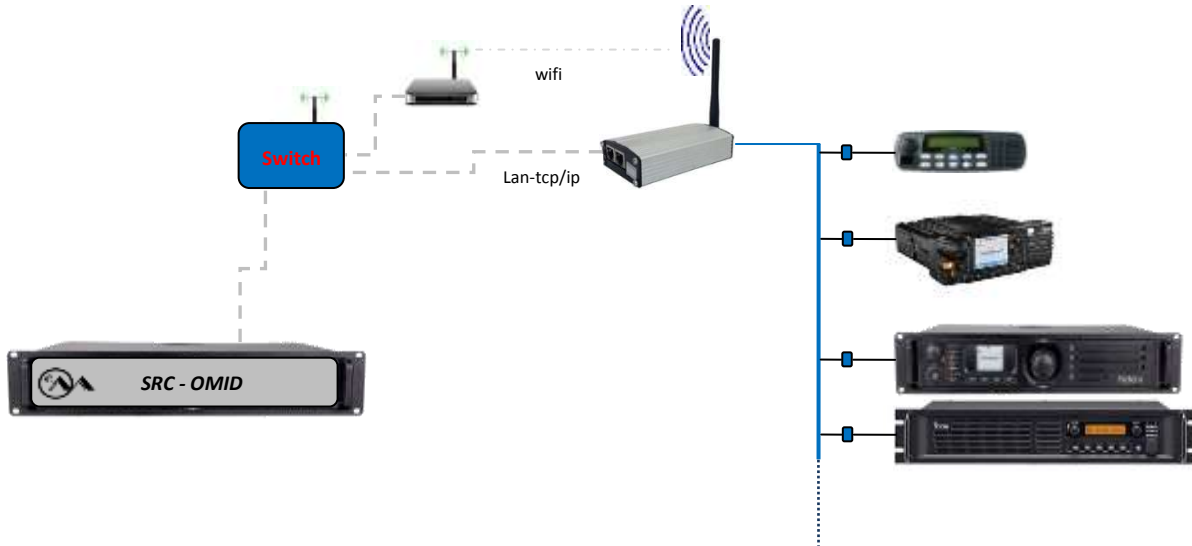
Detailed specifications LAN Port **G-SRC**

Network standard	wireless:IEEE 802.11n,IEEE 802.11g,IEEE 802.11b
	wired:IEEE 802.3,IEEE 802.3u
Wireless transmission rate	11n: maximum up to 150Mbps 11g: maximum up to 54Mbps 11b: maximum up to 11Mbps
Tracks number	1-14
Frequency range	2.4-2.4835G
Emission power	12-15DBM
Interface	one 10/100Mbps LAN/WAN multiplex interface
Antenna	
Antenna type	Onboard antenna / External Antenna
Functional Parameters	
WIFI work mode	Client/AP/Router
WDS Function	Support WDS wireless bridge connection
Wireless security	Wireless MAC address filtering
	Wireless security function switch
	64/128/152 bit WEP encryption
	WPA-PSK/WPA2-PSK,WPA/WPA2 security mechanism
Network management	Remote Web management
	Configuration file import and export
	WEB software upgrade
Serial to Network	
Maximum transmission rate	230400bps
TCP connection	Max connection number>20
UDP connection	Max connection number>20
Serial baud rate	50~230400bps
Other Parameters	
Status indicator	Status indicator
Environmental standard	Operating temperature:-20-70°C
	Operating humidity:10%-90%RH (No condensation)
	Storage temperature:-40-80°C
	Storage humidity:5%-90%RH (No condensation)
Additional properties	Frequency bandwidth optional:20MHz,40MHz,automatic

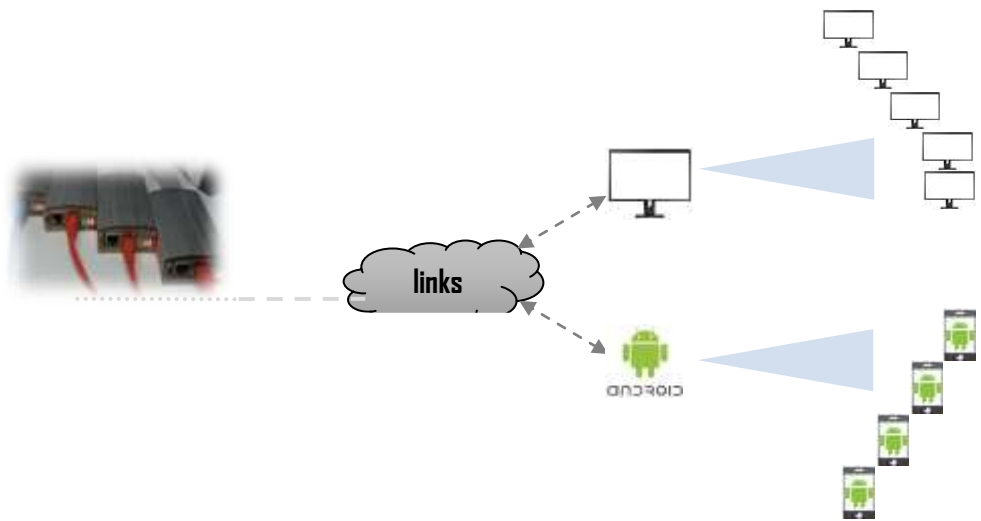


SRC sampel application

smart radio communication



G.SRC - [OM.G4]



Ptt push to talk
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I.SRC - [OM.i5]