



MAKING RF VISIBLE

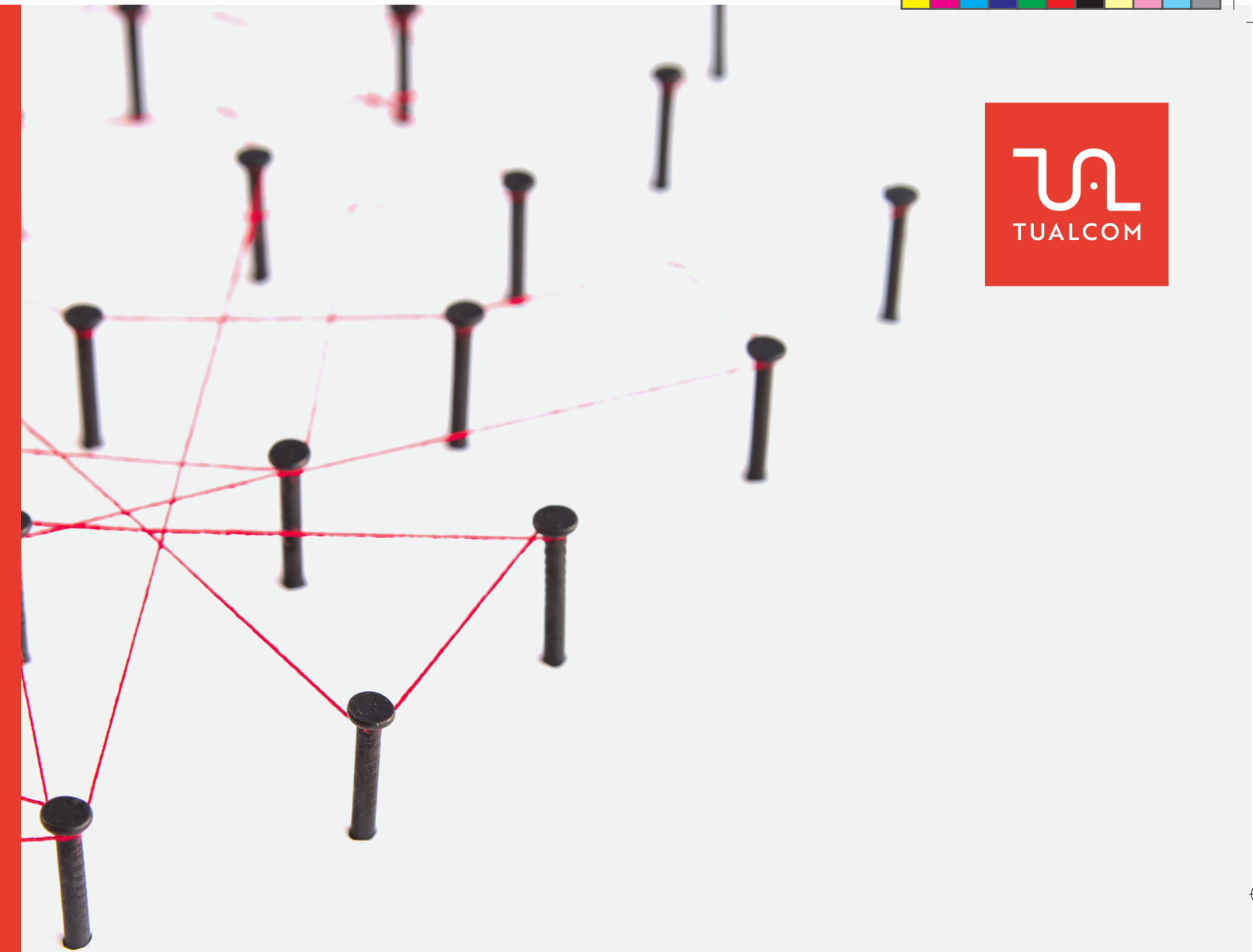
TUALCOM operates in the fields of RF and communication technologies offering high-performance, high-quality state-of-the-art products and solutions with innovative designs.

General purpose or application specific RF communications products excel at compactness, power efficiency and customizability. TUALCOM's RF and communications product line extends into high frequency and broadband applications related to radar and electronic warfare.

In addition to established, field proven COTS products that are already operational on various platforms, continuing research and development activities enable TUALCOM expand existing product families to accommodate harshest requirements described by local and international customers.

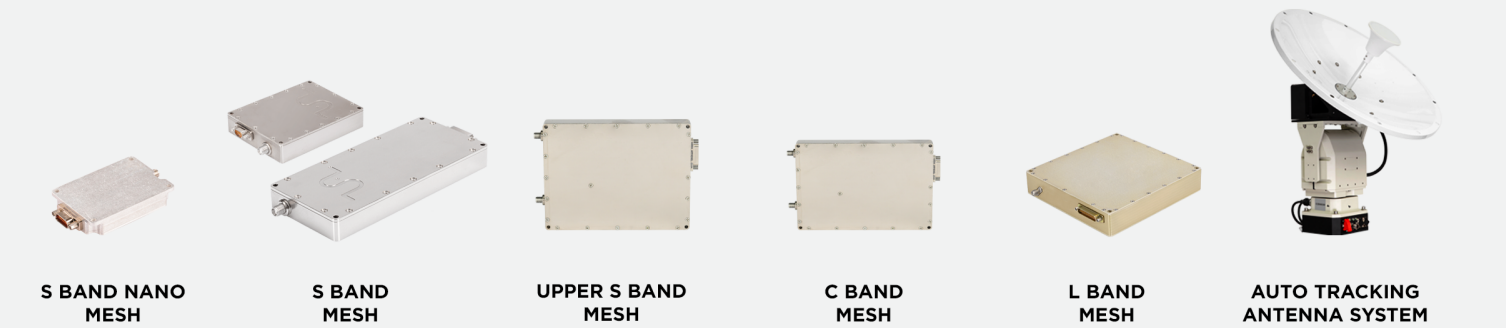


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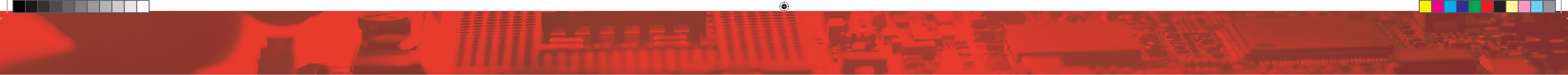


DATA LINK

INTERRUPTED COMMUNICATION OPERATION CAPABILITY



tualcom.com



S BAND NANO MESH
DATA LINK

S BAND MESH
DATA LINK

UPPER S BAND MESH
DATA LINK

C BAND MESH
DATA LINK

L BAND MESH
DATA LINK

Output Power	1W	2W /10W /20W	10W / 20W / 60W	10W	10W
Sensitivity	-93 dBm (10 Mbps)	-93 dBm (10 Mbps)	-93 dBm (10 Mbps)	-93 dBm (10 Mbps)	-93 dBm (10 Mbps)
Multiple Access Type	TDMA	TDMA	TDMA	TDMA	TDMA
ECCM	FHSS / DSSS	FHSS / DSSS	FHSS / DSSS	FHSS / DSSS	FHSS / DSSS
Data Interface	Ethernet (10/100 Mbps) RS 232 / 422 / 485 UART	Ethernet (10/100 Mbps) RS 232 / 422 / 485 UART	Ethernet (10/100 Mbps) RS 232 / 422 / 485 UART	Ethernet (10/100 Mbps) RS 232 / 422 / 485 UART	Ethernet (10/100 Mbps) RS 232 / 422 / 485 UART
Military Standards	MIL-STD-810G MIL-STD-461F	MIL-STD-810G MIL-STD-461F	MIL-STD-810G MIL-STD-461F	MIL-STD-810G MIL-STD-461F	MIL-STD-810G MIL-STD-461F
Data Encryption (Optional)	AES 256	AES 256	AES 256	AES 256	AES 256
Dimensions (cm)	7.5 x 4.5 x 1.2	2W: 7.1 x 6 x 1.4 10W/20W: 13.2 x 6 x 1.5	10W/20W: 13.2 x 6 x 1.5 60W: 10 x 13.2 x 1.7	10 x 11x 1	10.2 x 11.6 x 2.2



AUTO TRACKING
ANTENNA SYSTEM

Frequency Range
L/S/C Band

Antenna Gain
L/S Band: > 20 dBi
C Band: > 30 dBi

Controller
Geopointing Antenna Controller Unit
with Automatic North Finder

Coverage
360° Pan, 120° Tilt
(Optionally 180° Tilt)

