



CASSIDIAN

Meet TB3p –

Smallest, smartest TETRA base station

MEET TB3p

– SMALLEST, SMARTEST TETRA BASE STATION

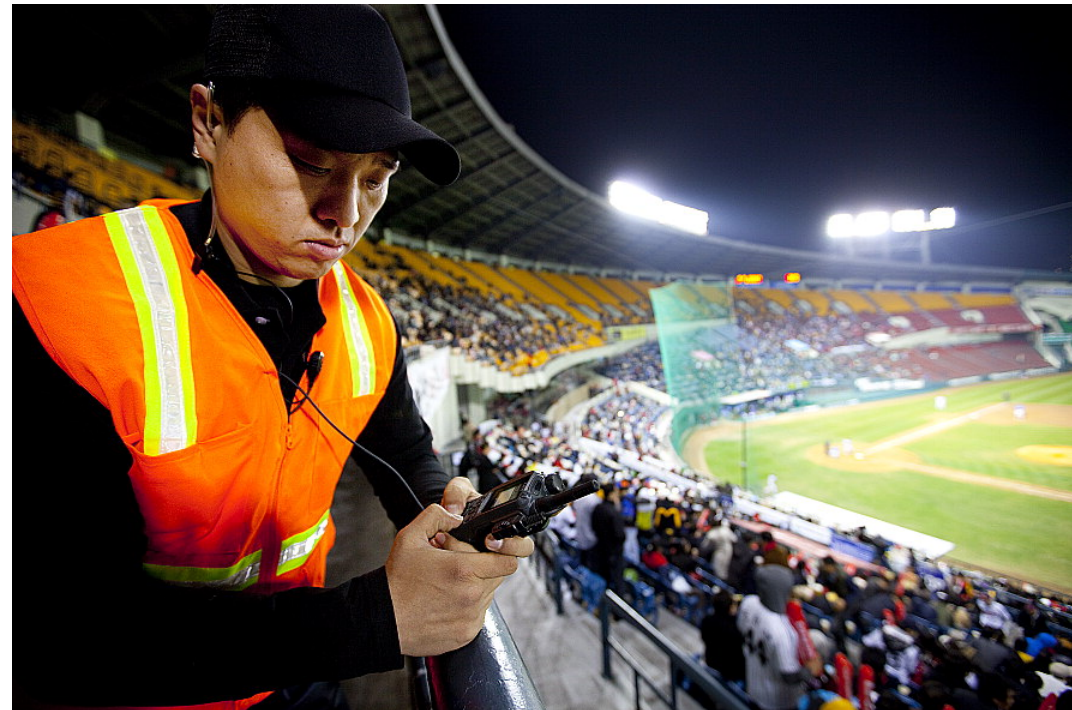


- Fast installation
 - establishing indoor radio coverage
 - easily attached to a vehicle
 - to setup temporary site
 - pre-configuration support
- Extremely small
- Low power consumption
- All the rich features as in TB3 and TB3c
 - TEDS
 - air-interface encryption
 - type 1 Handover
 - base station fallback
 - ...

TB3p CAN PROVIDE TEMPORARY COVERAGE



- TB3p provides more coverage **and capacity** when needed
 - ← RF repeaters do not provide more capacity
 - ← RF repeaters cannot extend outdoor coverage
- Several sites can share the same capacity
 - Saves core network capacity



TB3p FOR RAPID DEPLOYMENT



- Easy to set up into a vehicle
- TB3p can be used as a stand-alone base station
- TB3p can extend the coverage of the network
- Flexible transmission options
 - MW links
 - IP connection
 - ISDN
 - Satellite transmission



TB3p OPERATES AS STAND-ALONE



- TB3p is easy to set up – no RF expertise needed
- Stand-alone set-up
 - Connected only to the antenna and power supply
- Rich features even in stand-alone mode, including:
 - short text messages (SDS) –individual calls
 - group calls –air interface encryption (AIE)



TB3p FOR BETTER INDOOR COVERAGE



- Connected to the core network
 - Cost-efficient solution for improving indoor coverage and capacity
- Does not need a full-blown base station site
- TB3p can also be used as a TEDS hot spot



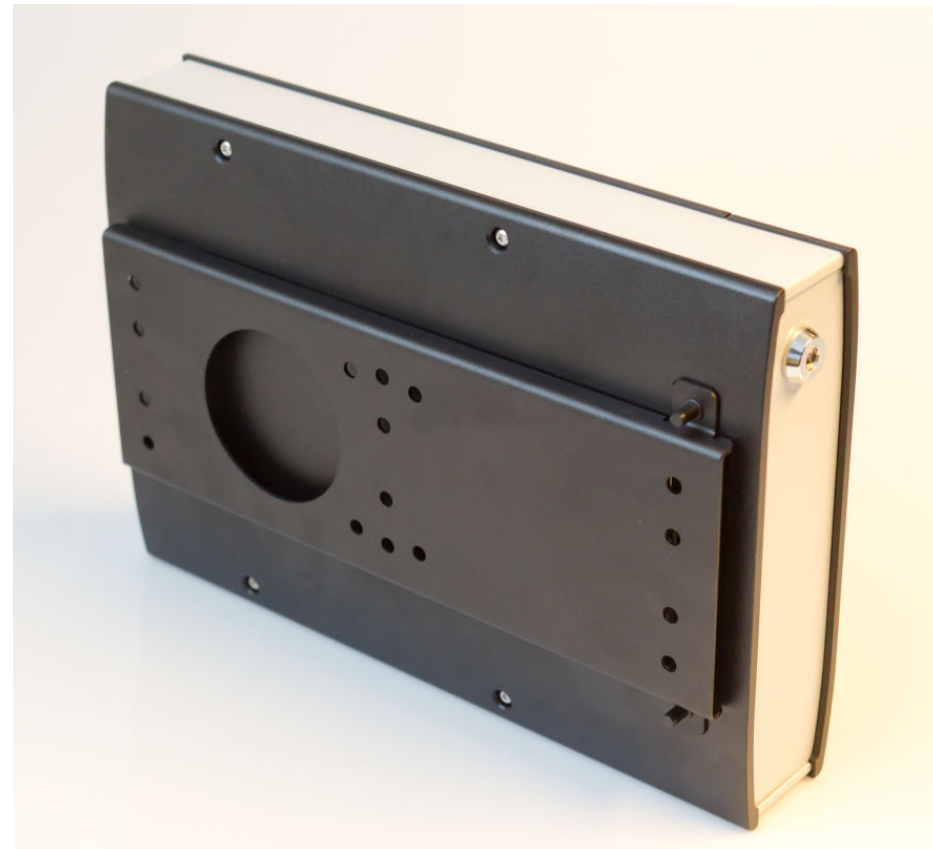
TB3p - SMALLEST TETRA BASE STATION



- Extremely small
 - Size: 40 x 25 x 8 cm (10 cm with two carriers)
 - Weight ~10 kg
- Eco-efficient
 - Power consumption around 40 W
- Self-contained
 - One, two or four carriers
 - 3 W output to antenna
 - Power supply 12-30 VDC
 - Built-in duplexer, combiner and TX-monitoring
- Easily transportable

TB3p - SMARTEST TETRA BASE STATION

- Easy to set up
 - For indoor coverage
 - For stand-alone use
 - To rapidly deploy a network
 - To fill small gaps in coverage
 - Adding capacity where needed (stadiums, shopping malls)
 - For TEDS hot spot use



TETRA BASE STATION FAMILY FROM CASSIDIAN

TB3

- Four carrier/cabinet
max. eight carriers
- Up to **six** receiving branches
- Full Redundancy



TB3c

- Max. two carriers
- Up to four receiving branches
- Weight ~100kg



TB3p

- One, two or four carriers
- Low power, low cost
- Weight ~ 10 kg

