

## Operation Description

The product is a Remote Unit E62-N3, The E62-N3 is a low-power remote unit supporting cellular technologies on fiber optic cable using the CPRI protocol. The N3 is ideal for multi-operator multi-band, static capacity distribution deployments of cellular services in small-to-medium coverage areas. The N3 supports up to eight 25 dBm RF channels. The N3 converts an optical signal to RF and then transmits at the relevant 3GPP band and receives the analog RF signal, conditions it, and converts it back to optical for routing to the E3 or A3.

Use it along with the main unit, the main board is YT8511H. The product contains one 50MHz crystal and one 48MHz crystal.

The installer does not have any access permissions to modify the parameters. The device cannot be sold retail, to the general public or by mail order. The device must be professionally installed and installation must be controlled. (EUT sold to dealer who hires installers with licensed professionals and special training).

Our products are aimed at different markets and customers. We have designed 8 ports, but the use of these ports is limited. They can only be used when facing certain customers. Our customers will use the following frequency bands for this project, Other ports cannot be used because there are restrictions in the software.

This EUT has eight antennas in total, supports 4\*4 MIMO, four antennas are used to transmit, the other four antennas are used to receive. for MIMO mode the output signals are considered completely uncorrelated.

Power supply:	DC 48V
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### BS:

Operation Frequency Band:	Downlink 2110MHz to 2200MHz
Modulation Type:	QPSK,16QAM,64QAM,256QAM
Rated Input Power Range:	0dBm-15dBm
Normal Output Power (EIRP):	32 ± 2dBm
Antenna Type:	Internal & External antenna
Antenna Gain:	3dBi
Antenna Port:	SISO, up to 6 CCs 2x2 MIMO, up to 6 CCs 4x4 MIMO, up to 4 CCs

### Repeater

Operation Frequency Band:	Downlink 2110MHz to 2200MHz
Modulation Type:	QPSK,16QAM,64QAM,256QAM
Rated Input Power Range:	0dBm-15dBm
Normal Output Power (EIRP):	32 ± 2dBm
Antenna Type:	Internal & External antenna
Antenna Gain:	3dBi
Antenna Port:	SISO, up to 6 CCs 2x2 MIMO, up to 6 CCs 4x4 MIMO, up to 4 CCs