

## OPERATIONAL/CIRCUIT DESCRIPTION

### Appearance/form

Item	Specification	Note
Dimensions	370W x 400D x 210H(mm)	Not including protrusion things
Capacity	31.1 liters	
Weight	17.7kg	
Material	Aluminum die casting	
Color	Pantone 422c	
Holes for hanging	φ6(mm) x 2	For construction work
Screw hole	M10 (depth 10mm Min.) x 8	

### Radio specifications

Items	Contents	Note
Frequency Range	1,880 - 1,910MHz	
carrier frequency	1,880.15 – 1909.55 MHz	
Carrier spacing	300kHz	
Emission Designator	286KDXW	
multiplex system	multicarrier TDMA-TDD method	
Modulation	π/4shiftQPSK	Roll off factor is 0.5
Transmission rate	384kbps	
Radio channel composition	1C7T	
Receiver	8 circuits	
Receiving diversity method	Adaptive array (4-array x 2)	
Transmitter	8 circuit	
Transmitting diversity method	Adaptive array (4-array x 2)	
DC voltage of final amplifier	+10.5V	
DC current of final amplifier	1.2A	
RF output power	5 – 125 mW	at one antenna port
typical mounting height	within 50m	
Antenna port	8 ports	TNC-K type connector
Antenna impedance	50 ohm	

### Line specifications

Items	Contents	Note
Line Interface	I/F	ANSI T1.601-1992
Line capacity	4 line(2B+D, 2B, 2B, 2B)	
Pin header	232D-04P1B2-S15A	
Wire jacket outside diameter	5 to 10φ(mm)	

### Cascade interface connection specifications(Optional)

Item	Specifications	Note
Interface	Original	
Enclosure side connector	HR22-12WTRA-20PC	