

CCT NETWORK PROCESSOR



◎ **Change your modem on the fly-
allowing you to easily
adapt to each mission.**

Introducing the CCT Network Processor module of the CommuniCase® Technology. Future proof line of easy-to-switch modules.

iDirect now – SCPC in a couple of minutes - Your own external modem close after that – no problem! - The CCT Network processor is one of the seven modules of the CommuniCase® Technology's (CCT) unique architecture providing you with a system that you can change key characteristics easily and cost effectively. Change the cassette and you are ready for a new network!

The innovative CCT SDS (Smart Distributed System) detects which cassette you have inserted and automatically updates the system and the GUI – no installation, no CDs, no hassle – the GUI will adapt and change!

Allowing you to focus on the mission and us on the technology.

KEY FEATURES

Future proof – A modular system allowing you to change key characteristics of your existing SWE-DISH Suitcase system leveraging your investment - enabling true flexibility

Easy to use – The market unique CCT SDS (Smart Distributed System) enables you a easy way of changing your system and the system automatically adjusts - hassle free operations

Rapid change of configuration – The modular design and designed cassette allow you to in minutes connect to a new network – full freedom

Easy to integrate customer specific modems – Give us a call if you would like to have your own unique modem integrated into the CCT Network Processor



L-Band



SCPC Commercial



SCPC Military



iNFINITI



Evolution

SWE DISH
A DATA PATH COMPANY



SWE-DISH.COM

CCT NETWORK PROCESSOR

GENERAL FEATURES

Exchange time	Less than 3 minutes to change between modems
Features	IP accelerator included Advanced monitoring and control through unified GUI Unique CCT SDS (Smart Distributed system) – easy change of key characteristics
Current versions	TDMA MIL (iDirect iNFINITI), TDMA MIL (iDirect Evolution), SCPC MIL (Radyne DMD1050), SCPC COM (Radyne DMD1050), L-Band (Connect to external modem)
Sealing class	IP65
Size	430 x110 x 370 mm (W x H x D)

TDMA MIL (iDirect iNFINITI and Evolution)

Network topology	Star (TDM/MF-TDMA or SCPC), Mesh and Point-to-point (SCPC)
Modulation iNFINITI Modulation Evolution	BPSK, QPSK, 8PSK BPSK, QPSK, 8PSK, 16APSK
Maximum data rate iNFINITI Maximum data rate Evolution	Downstream: 21 Mbps (QPSK, .879 FEC) Upstream: 11 Mbps (QPSK, .793 FEC) Downstream: 160 Mbps (16APSK, 8/9 FEC) Upstream: 11 Mbps (QPSK, .793 FEC)
Data interfaces	LAN B and LAN A
M&C interface	Monitor port (L-band)
Indicators iNFINITI Indicators Evolution	4 LEDS (RX, TX NET, STATUS) 5 LEDS (STATUS, CRYPTO, RX, TX, NET)
Weight	2.3 kg (5.07 lb)
Options	Colour: Green (Standard Desert tan). Ethernet cable, 25m and 50m (Standard 8m), FIPS140/TRANSEC, TX Input Port (not field changeable)

SCPC MIL and COM (Radyne DMD1050)

Network topology	Point-to-point (SCPC), Star (SCPC)
Modulation	BPSK, QPSK, OQPSK (options: 8PSK, 16QAM)
Maximum data rate	5 Mbps (options: 10 and 20 Mbps)
Other options	Turbo codec
Data interfaces	Serial (EIA-422/V.11) and 2 LAN Bridge
M&C interfaces	Monitor port (L-band) and LAN (Modem M&C)
Indicator	1 LED (Power)
Weight	2.4 and 2.2 kg (5.29 and 4.85 lb)
Options	Colour: Green (Standard Desert tan) Serial data cable, 25m and 50m (Standard 2m), Ethernet cable, 25m and 50m (Standard 8m), Turbo Codec, Data rate 10 Mbps, Data rate 20 Mbps, Modulation 8PSK, Modulation 16QAM

L-BAND

Data interfaces	Tx + Rx (L-band)
M&C interfaces	LAN and RS232 (M&C AUX Equipment)
Options	Colour: Green (Standard Desert tan)

Specifications are subject to change without notice, and this datasheet will not form part of any contract. 2009-05-27