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Introducing RFeye®

The world's first cost-effective solution for continuous radio spectrum monitoring



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"Introducing Kestrel TSCM™ Support for the RFeye™ Receiver..."

Kestrel TSCM™ Professional Software Signal Intelligence Support System (SISS)™

Introducing support for the RFeye™ spectrum monitoring Receiver. The Kestrel TSCM™ Professional Software is an innovative and bold new tactical approach to sweep and monitoring assignments, taking full advantage of significant, technological advances in Software Defined Radio (SDR) based principles. The Kestrel TSCM™ Professional Software is a recently Canadian designed and developed, professional level, RF collection and analysis resource that is packed with operator centric, work flow based features and functionality designed by Professional Development TSCM Group Inc., over a period of 35 years. The Kestrel TSCM™ Professional Software is available to technical security professionals worldwide. Our software includes numerous advanced concepts far beyond those currently available; and supports a wide range of low cost and mid range, industry leading search receivers and spectrum analyzers. Our Technical Research and Standards Group (TRSG) continues to develop highly innovative SIGINT and TSCM deployment methods, enhanced by proven hardware options and our software features and functionality. Kestrel TSCM™ Professional Software is the choice of many professional technical operators worldwide. ✂



RFeye™ 6 GHz to 18 GHz Block Down Converter (BDC)...



Key Features

- The RFeye enables cost-effective deployments of small to very large networks for both civilian and non-civilian requirements. ✂
- Data may be stored locally; transmitted over the air via the built-in GPRS / UMTS Modem, or downloaded via standard wired interfaces to a centralized database. ✂
- Fast digital sweep for the capture of intermittent and transient signals. ✂
- Capable of sweeping from 10 MHz to 6 GHz in less than 100 milliseconds. ✂
- Excellent receiver sensitivity and low spurious components. ✂
- Wide operating temperature range. ✂
- Low antenna port LO re-radiation. ✂
- Flexible frequency tuning. ✂
- The RFeye receiver includes four (4) switchable antenna ports with 30 dB minimum port isolation at 2 GHz. ✂

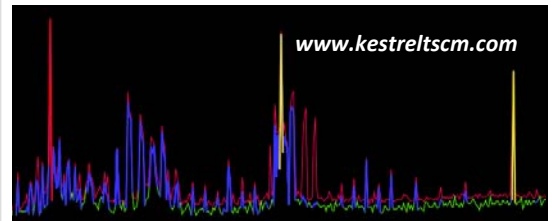
Receiver Specifications Subject to Change Without Notice

"Innovation is Simply the Beginning..."

Specification Overview

- Frequency Range:** 10 MHz to 6 GHz
- Optional:** 6 GHz to 18 GHz Block Down Converter (BDC) available.
- Optional:** 6 GHz to 50 GHz Block Down Converter (BDC) is currently under development.
- RF Input (SMA):** Four (4) switchable signal inputs with a maximum input level +15 dBm (15 VDC).
- Resolution Bandwidth:** 20 kHz (at Maximum Real-Time Analysis Bandwidth: 20 MHz)
- Receiver Noise Figure:** 8 dB typical (10 MHz - 4 GHz); 11 dB typical (4 GHz - 6 GHz).
- Mechanical**
- Power Supply:** 10 to 48 VDC
- Power Consumption:** 12 to 18 Watts
- Mechanical:** 170 mm x 60 mm x 125 mm / 6.7 in x 2.4 in x 4.9 in
- Weight:** 1.4 kg (Receiver Only)

Review Product Documentation for Detailed Information



www.kestreltscm.com

"Due Diligence is at its Best - Under the Watchful Eyes of the Kestrel..."

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