

EXPRECIUM™ makes alarm monitoring easy for Industry, Building, Health Services, Security and OEM. EXPRECIUM™ is a full format PC based alarm receiver card. With two phone lines per board, Exprecium gives you the power to turn your PC into a powerful alarm receiver. Starting with one board, you can add boards as your Monitoring Station grows.

Exprecium fits into PCs with a PCI bus. Exprecium does not impose a logical limit to the number of customers per line and with large size memory, fast modem circuit, improved PC bus interface and Caller ID option, EXPRECIUM adds a new dimension to Alarm Receiving and PC integrated Monitoring Station. As all **MCDI** receivers, Exprecium is packed with several features to make your Central reliable like a direct printer output and a battery connector to make sure you keep on receiving even if your PC is down. Available as Exprecium 1, **Exprecium 2 (Generation 2 advanced programming)** and **Exprecium 3 (RoHS compliant for Europe and Japan)**.

Technical Specifications

Models

Exprecium 1: standard

Exprecium 2: advanced programming

Exprecium 3: E2+ RoHS compliance for Europe and Japan

Communications:

Exprecium provides 2 RJ11 type jacks for telephone line connection.

Type:	Pulse, DTMF, FSK
Reception Speed:	10, 20, 40 pps DR / CS
Handshake and Kiss-off:	1400Hz /2300Hz/2225Hz
Pulse Frequency:	1800Hz / 1900Hz
Telim/Robofon:	1180Hz / /1100Hz

Reception Formats supported:

Acron	Radionics 6500
Ademco:	Radionics extended
- Slow/Fast;	Sescoa Slow, Super Fast
- Contact ID;	Sescoa Standard
- Extended;	SIA
- Express;	Silent Knight Slow
- High Speed	Stratel
FBI Super Fast	Napco Point ID
MCDI-Take-a-look	BFSK,CFSK, VFSK
3x1	3x1 extended
4x1	3x1 extended compressed 4x2
4x1 extended	4x1 extended compressed 4x2
4x2	Zero removed 3x1, 4x1, extended.
Optex's Varitech	C&K: Bell 103A2 or CCIT (option)

For Germany and Scandinavia (option): Telim/ Robofon

All boards are delivered with Bell 103 on both lines. Please specify for Telim, Robofon or CCIT.

Printer Output:

Standard DB25 connector for Centronics Parallel Interface. Card linking arrangement allowing one printer to serve all MCDI PCB receivers in PC.



Turn your PC into a powerful alarm receiver

Event Logging when PC is absent:

EXPRECIUM stores last 1800 events when PC is down.

Power Requirements:

From computer +12V Supply: 300 mA max.
From 6V Battery (standby): 300 mA

Station Requirements:

PC computer Pentium 2 and up. Table top size enclosure with PCI bus. DOS, Linux, Windows 95 SE, 98, ME, 2000 or XP. 16 Mb RAM, 20MB free hard disk space. PC addressing: PC must have Plug & Play BIOS. Printer with Centronics parallel interface and cable with DB25 connector.

Battery Back-up:

EXPRECIUM provides charging and supervision circuitry for an external 6-Volt battery (not supplied). 12V battery may be used but no charging will occur. Charging Voltage 6.7 volts, Charging Current Limit 500 mA.

Monitoring Software:

All Exprecium interfaces with Monitoring software in **MCDI_SP** mode, Ademco™ 685 emulation mode and SurGard™ emulation mode. Exprecium is compatible with most Automation software on the market including **SECURITHOR**, **SAMM X**, **WINSAMM**, **Centralworks**, **ABM**, **Patriot**, **SIS** and **SIMS**.

Optional remote control MRD1000:

- Configures and operates EXPRECIUM
- Displays incoming signals/controls on 2 lines by 20 characters.
- Power fed by EXPRECIUM
- External self contained unit or mounted in PC's CD slot.
- Configuration menus in English, French, Spanish and Portuguese



MSP products are also available at the following distributors and retailers:

ARGENTINA
FIESA S.R.L.
Av. De Los Incas 4154/56
(C1427DNT) Capital Federal
Buenos Aires Argentina
Tel: (54 11) 4551-5100
ventas@fiesa.com.ar

DR IMPORTS
Security Systems S.R.L.
Padre Vanini 344
(1603) Villa Martelli
Buenos Aires Argentina
tel: +54-11-4730-3051
ventas@drimports.com.ar

BENELUX
Rimex Kelmis
Route de Liège 245
B - 4720 La Calamine
Tél.: +32 (0)87 63 92 50
jtoussaint@rimex.be

BRASIL
MCDI DO BRASIL
MCDI Comércio de Equipamentos Eletrônicos
Ltda
Fone/Fax: +55(54) 3221-1727
Eng. Teodorico A. Eberle
brasil@mcdi.com.br

CANADA
ALMEX
3853 Trelawny Circle
Mississauga, Ontario
Canada L5N 6S4
PH: 905-785-0855
sales@almexltd.com

MCDI Security Products inc.
7055 Jean-Bourdon
Montreal QC H4K 1G7
PH: 514-481-1067
sales@mcdi.com

CHILE
Artilec Limitada
LOS LEONES 3043
NUNOA - SANTIAGO CHILE
TEL: (562) 246 5800
artilec@artilec.cl

EPCOM Chile
CORDILLERA 321
MODULO A12 FLEXCENTER
PUERTO VESPUCIO QUILICURA
SANTIAGO CHILE
TEL (562) 73900103 FAX (562)739-09770

COLOMBIA
EPCOM Colombia
Avenida 6 N, No. 49-06
Tel 00-57-2-666-1583
84 CALI, COLOMBIA

DEUTSCHLAND

asl-ademco

ASL- GmbH
ADEMCO Sicherheitstechnik Logistikzentrum
Germany D-57627 HACHENBURG
Lindenstrasse 70
Tel: +49 -(0) 26 62-9 54 10
Fax: +49-(0) 26 62-95 41 56

ECUADOR
GEOTRONIX, S.A.
Tomas Bermur N38-84
Quito-Ecuador.
Tel (593)22249687, (593)99249878
gerancia@geotronic.com.ec

EL SALVADOR
SISTEMAS DE INTEGRACION TECNOLOGICOS
DISTRIBUCION DE SISTEMAS DE SEGURIDAD
Av. Los bambues # 191-A, col. Miralvalle
Tel 503-284-9108
SAN SALVADOR, EL SALVADOR
sitecnicos@yahoo.com

ESPAÑA
J.R. Sistemas de Seguridad
Rosellón, 52-54
E-08029 Barcelona (Espana)
Tel: +34 93 4 94 84 40
jrsecurity@jrsecurity.com

FRANCE
AEM Sécurité
31, rue Turgot
68110 ILLZACH
France
PH: +33 3 89 66 14 33
aem.securite@wanadoo.fr
www.aem-securite.fr

GREECE
PARADOX HELLAS
Korinthou 3 Str. Metamorfofi 144 51
Greece
PH: 210 285 5000
sales@paradox.gr

ITALIA
EL.MO. Spa
Via Pontarola, 70
35011 Reschigliano di Campodarsego (Pd)
Tel. +39 049 920.33.33 - Fax +39 049
92.00.306
Hot Line +39 049 92.00.426
info@elmo.it

Sede Pinkerton - Italia
via B.Provaglia, 9 40138 Bologna ITALIA
Uff.: +39-051-531681
Fax: +39-051-531658
pinkerton.bo@tiscalinet.it

MALAYSIA
Stratel (M) Sdn BHD
17-3, Jalan P.J.U 1/39,
Dataran Prima,
47301 Petaling Jaya, Selangor DE, Malaysia.
Tel: 603-78805913 (Hunting Line)
sales@stratel.com.my

MEXICO



En la República Mexicana:
01 614 415-2525
En Estados Unidos
Teléfono: +1 915 533-5119
Ave. 20 de Noviembre #805 Chihuahua,
Chih. C.P.31000 Méx.
Internacionales: (52)+(614)+15-25-25
www.syscom.com.mx
ventas@syscom.com.mx

NETHERLANDS
van Ovost Automatisering bv
Erveweg 4,
8196 KG Welsum,
the Netherlands,
tel.: +31-570-563691
BTW : NL. 8099.04.214.B01
info@ovost.nl

NEW ZEALAND
Patriot Systems Ltd
PO Box 1295
Level 146 Childers Road
Gisborne, New Zealand.
Ph: +64 6 8677483
sales@patriot.co.nz

PERU
SEGO Seguridad Optima S.A.
Dirección: Armando Blondet 195.
San Isidro.Lima. Peru
Teléfono: (511)442 1669
Ing. Alejandro Alva Solari
ventas@sego.com.pe

PORTUGAL
PRESTECNICA, Lda
VILA AMELIA LOTE 109 PAV. A QUINTA
DA TORRE
2950-805 PALMELA
TEL - 212103514 227720850
www.prestecnica.com
antonigomes@prestecnica.com

RUSSIA
Distributor: Navigator Group
6, Cherniahovskiy str. Kaliningrad
236000 Russia
tel (9022) 38-68-66
+7 (4012) 71-68-66
info@navigatorgrp.com
www.navigatorgrp.com

St-Petersburg
Alpro Ltd
194100, 70, Bolshoy Sampsonievskiy
ave., lit. «B»
St.Petersburg, Russia , 197022
Tel./Fax +7 (812) 702-17-52
E-mail: alpro@alpro.ru
www.alpro.ru

Moscow
Contur SB Ltd.
16/4 Dokukina str., 2nd floor, Russia,
Moscow, 125094
Tel. +7 (495) 518-61-81,
http://www.contursb.ru

Moscow
GALFORT
Russia, 119146, Moscow,
Komsomolskiy prospect 23/7, korp.2
Tel: +7 495 933-4883 (multichannel),
galfort@galfort.ru
http://www.galfort.ru

URUGUAY
MICROFAL S.A.
Av.Bolivia 2040
TELFAX: (598 2) 604 4362
TEL: (598 2) 604 2908
Montevideo Uruguay
info@microfal.com

U.S.A.
All MCDI Products:
MCDI Security Products Inc.
7055 Jean-Bourdon Ave
Montreal QC H4K 1G7
CANADA
English speaking line: 1-514-481-1067
Spanish speaking line: 1-514-487-0441
Fax: 1-514-481-1487
mcdi@mcdi.com
www.mcdi.com

Hardware products:
JABCO Inc.
Alarmsoft
PO BOX 7246
Norfolk Virginia 23509
USA
PH: 757-513-4686
SALES: 1-800-234-0064
sales@alarmssoft.com
www.alarmssoft.com

MCDI SP products are also sold directly
in many countries where MCDI SP is not
represented. Contact us at:
sales@mcdi.com
+514-481-1067

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