

MRX PLATINUM

OUTDOOR DETECTION SERIES

TRIPLE TECHNOLOGY MIRROR OPTICS SENSORS

CROW INTRODUCES A UNIQUE NEW LINE OF INDUSTRIAL GRADE MIRROR OPTIC SENSORS FOR PROFESSIONAL OUTDOOR SECURITY INSTALLATIONS. THE "MRX PLATINUM SERIES" OFFERS A UNIQUE COMBINATION OF VARIFOCAI MIRRORS, ASIC BASED ELECTRONICS AND DURABLE ENCLOSURES FOR STABLE PERFORMANCE AND RELIABILITY IN VARIOUS OUTDOOR SECURITY APPLICATIONS.

THE "MRX PLATINUM SERIES" INCLUDES UNIQUE TRIPLE TECHNOLOGY SENSORS, COMBINING TWIN DUAL ELEMENT PYRO SENSORS AND MICROWave TECHNOLOGY FOR ULTIMATE STABILITY IN HARSH ENVIRONMENT APPLICATIONS.

HIGH PRECISION VARIFOCAI MIRROR DESIGN

THANKS TO THE INCREASED LEVEL OF ENERGY COLLECTED THROUGH CROW'S "VARIFOCAI" MIRRORS, THE ELECTRONIC GAIN OF THE DETECTOR CAN BE DRAMATICALLY REDUCED AND THE SIGNAL TO NOISE RATIO OPTIMIZED TO VIRTUALLY ELIMINATE FALSE ALARMS EVEN IN THE HARSHTEST ENVIRONMENTS.

A FURTHER ADVANTAGE OF "VARIFOCAI" MIRRORS IS AN UNPRECEDENTED LEVEL OF IMMUNITY TO WHITE LIGHT AND RFI.

ULTIMATE RELIABILITY IN OUTDOOR DETECTION

PROCESSING USED IN THE "MRX PLATINUM SERIES" ALLOWS THE DETECTOR TO PRECISELY IDENTIFY HUMAN MOVEMENT WITH EXTREME ACCURACY, VALIDATE INTRUSIONS, AND PROGRAM ITSELF TO COPE WITH THE HARSHTEST ENVIRONMENTAL CONDITIONS.

A FURTHER ENHANCEMENT TO CROW'S POWERFUL ELECTRONICS, IS THE ADDITION OF OPTIONAL SPECIAL PET IMMUNITY MASKS WHICH, ONCE ASSEMBLED ON THE DETECTOR'S MIRRORS, PROVIDE EXCEPTIONAL PROTECTION AGAINST ANIMAL INTERFERENCE WITHIN THE DETECTION AREA.

EASY AND FAST INSTALLATION

ALL MODELS CAN BE INSTALLED QUICKLY AND EASILY. THEY ARE ALL PROVIDED WITH MOUNTING BRACKETS ALLOWING THE INSTALLER TO REACH THE REQUIRED DETECTION RANGE. SETTINGS AND TESTS ARE USER FRIENDLY, AND THERE IS NO NEED FOR CALIBRATION.



The MR Platinum Series - Professional Detectors for Professional Installers



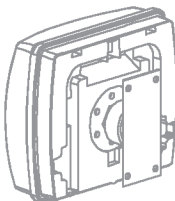
MRX PLATINUM

OUTDOOR DETECTION SERIES

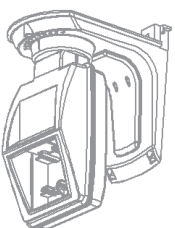
TRIPLE TECHNOLOGY MIRROR OPTICS SENSORS

Features	MRX-220	MRX-300
Detection method	DOUBLE DUAL PIR + MW	DOUBLE DUAL PIR + MW
Frequency - MicroWave	10.525MHz. Other frequencies upon request	
Mirror Optics		
Wide Angle Field of View	105°	90°
Wide Angle Coverage	15m x 15m (49.2' x 49.2')	
Long Range Coverage	25m x 3m (83' x 9.8')	
Detection Speed	0.3-1.5m/sec (1'-5'/sec)	
Power Input	8.2 - 16 Vdc (12Vdc nominal)	
Current Draw		
Active	27 mA	31 mA
Standby	17 mA	21 mA
MW Sensitivity Options	High, Low	-
MW Sensitivity Range	Yes	
Alarm Output	N.O / N.C 28Vdc 0.1A with 10 Ohm Series Protection Resistors	
Tamper Output	N.C Contacts. Rating 0.1A 28VDC with 10 Ohm series protection resistor - open when cover is removed	
Alarm Period	2 Sec +/- 0.5 Sec	
RFI Protection	30V/m 10-1000 MHz	
EMI	50,000V Lightning / Power through electrical interference	
Operating Temperature	-20°C to +50°C (-4°F to +122°F)	
Mounting Height	1.5m ~ 3m (5 ft ~ 10 ft) - Calibration Free	
Dimensions	mm inch	250 x 149 x 190 9.8 x 5.8 x 7.5
Weight	gr. oz.	290 10.23
		900 31.8

MRX-220
MOUNTING BRACKET



MRX-300
PAN-TILT AND LOCKING
MOUNTING BRACKET



MRX-220

UNIQUE "TRIPLE TECHNOLOGY" OUTDOOR DETECTOR

- POWERFUL TWIN DUAL ELEMENT PIR DETECTOR WITH MICROWAVE FOR OUTSTANDING DETECTION SPEED AND FALSE ALARM IMMUNITY
- SEALED AND DURABLE HOUSING FOR RESIDENTIAL AND COMMERCIAL APPLICATIONS
- IP65 RATING
- INCREASED IMMUNITY AGAINST VISIBLE LIGHT AND RFI/EMI SOURCES
- UP TO 15 m (49') DETECTION RANGE WITH 105° ULTRA WIDE ANGLE MIRRORS
- UP TO 25 m (82') DETECTION RANGE WITH LONG RANGE MIRRORS
- ASIC BASED ELECTRONICS FOR ULTIMATE PERFORMANCE AND STABILITY
- OPTIONAL PET IMMUNITY MASKS FOR MIRRORS 10,20,30 and up to 45 kg (22, 44, 66 and up to 99 LB.)

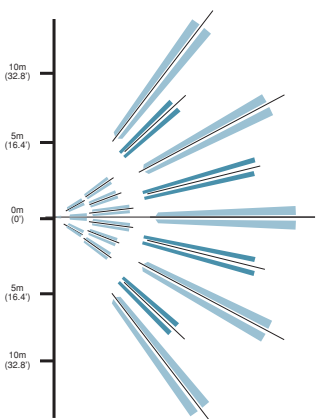
MRX-300

SPECIAL "TRIPLE TECHNOLOGY" OUTDOOR DETECTOR FOR EXTREME OUTDOOR CONDITIONS

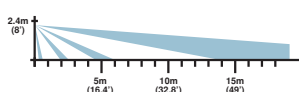
- INDUSTRIAL GRADE HOUSING AND BRACKET FOR HEAVY DUTY INSTALLATIONS
- TWIN DUAL ELEMENT PIRs PLUS MicroWave SENSOR
- TAMPER RESISTANT BRACKET
- DUAL AXIS TILT SENSOR FOR FULL ANTIVANDALISM PROTECTION
- IP65 RATING
- ASIC BASED ELECTRONICS FOR ULTIMATE PERFORMANCE AND STABILITY
- GREATEST IMMUNITY AGAINST VISIBLE LIGHT AND RFI/EMI SOURCES
- UP TO 15 m (49') DETECTION RANGE WITH 90° WIDE ANGLE MIRRORS
- UP TO 25 m (82') DETECTION RANGE WITH LONG RANGE MIRRORS
- OPTIONAL PET IMMUNITY MASKS FOR MIRRORS 10,20,30 and up to 45 kg (22, 44, 66 and up to 99 LB.)
- TOTALLY HIDDEN WIRING
- EXCEPTIONALLY EASY INSTALLATION BY SIMPLY PAN , TILTING AND LOCKING THE UNIT TO THE ALIGNMENT REQUIREMENTS

WIDE ANGLE DETECTION PATTERN FOR: MRX-220

TOP VIEW

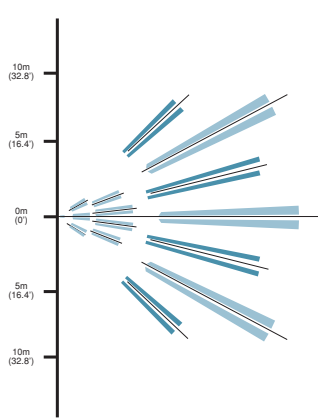


SIDE VIEW

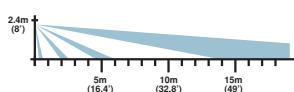


WIDE ANGLE DETECTION PATTERN FOR: MRX-300

TOP VIEW

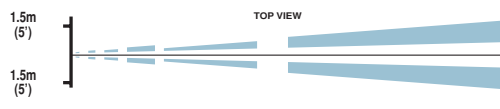


SIDE VIEW

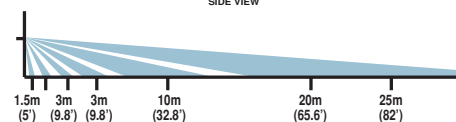


LONG RANGE PATTERN FOR: MRX-220, MRX-300

TOP VIEW



SIDE VIEW



CROW ELECTRONIC ENGINEERING LTD.

INTERNATIONAL HEADQUARTERS:
CROW ELECTRONIC ENGINEERING, LTD.
57 HAMELACHA ST. HOLON 58855 ISRAEL
TEL. +972-3-5569937
FAX. +972-3-5592981
SALES@CROW.CO.IL
SUPPORT@CROW.CO.IL
WWW.THECROWGROUP.COM

CROW ELECTRONIC ENGINEERING, INC.
2160 NORTH CENTRAL ROAD
FORT LEE NJ 07024, USA
TEL. +1- 201-944-0005
FAX. +1- 201-944-1199
CROW@NIS.NET
WWW.CROWELEC.COM

CROW AUSTRALIA PTY. LTD.
429 NEPEAN HWY. BRIGHTON EAST
VIC 3187 AUSTRALIA
TEL. +61-3-9596-7222
FAX. +61-3-9596-0888
CROW@CROWAUST.COM.AU
WWW.CROWAUST.COM.AU

CROW POLAND
VIDICON
UL. PŁOCKA 17,
01-231 WARSZAWA, POLAND
TEL. +48-22-6325543
FAX. +48-22-6313808
VIDICON@VIDICON.PL
WWW.VIDICON.PL

CROW LATIN AMERICA
168 SE 1ST STREET, SUITE # 501 MIAMI,
FL 33131 - USA
TEL. +1-305-372-0334
FAX. +1- 305- 372-8053
SALES@CROWLATINAMERICA.COM
WWW.CROWLATINAMERICA.COM

DEATRONIC
VIA GIULIANELLO 4/14
00178 ROMA, ITALY
TEL. +39-06 76 12 912
FAX +39-06 76 12 601
INFO@DEATRONIC.COM
WWW.DEATRONIC.COM

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