

# DATASHEET



## DEDICATED MICROS 2060 PRECISION SURVEILLANCE DOME



Dedicated Micros 2060 PTZ Dome is a highly flexible precision dome camera available in both Indoor and Outdoor variants. With up to 36x Optical Zoom, the 2060 includes an advanced pan & tilt mechanism that includes stepper motors for rapid and precise movement control and enhanced accuracy and reliability.

The Outdoor models, made from aluminium pressure die cast outer body parts and impact resistant polycarbonate hemispheres, are highly durable and resilient to vandalism with Day/Night options that including our Wide Dynamic Range HyperD Technology.

The Indoor model, ideal for retail and commercial applications with its 18x Optical Zoom and Colour/Mono sensor can be simply fitted as a pendant or tile mount solution.

Complete with DM / Pelco / BBV / Baxall up-the-coax and multi-protocol RS485 telemetry, the 2060 is compatible with industry standard control equipment and with both Outdoor and Indoor models compatible with Dedicated Micros range of dome brackets and accessories, the 2060 is ideal for system upgrades as well as new installations.

## FEATURES

- Day/Night models include Wide Dynamic Range with HyperD Technology
- Vandal resistant hemisphere and weatherproof housing or indoor housing versions
- 4 year warranty and advanced replacement
- Robust die-cast internal mechanism
- Indoor and Outdoor models available
- x18 and x36 optical zoom options
- Programmable fixed shutter speeds
- Day / night camera options for low light applications
- Full function, fixed and dummy options
- Coax & multi-protocol RS485 control
- Horizontal resolution up to 530TVL
- 24 privacy zones (8 displayed at one time)
- Video lift and gain adjustments
- Quick mount release
- Advanced preset positions and patrol facilities
- Compatibility with Dedicated Micros and a wide range of industry standard controllers
- Clock & calendar functions for independent alarm masking
- Multi-language options
- High quality finish and construction means the outdoor unit is ideal for coastal applications



# SPECIFICATION

|  | Indoor  | Outdoor  |   |                               |
|--|---|--|---|-------------------------------|
|  | 18x<br>Colour/Mono  | 18x<br>Colour/Mono   | 18x,<br>Day/Night                                       | 36x<br>Day/Night              |
| <b>Camera Specification</b>              |   |  |   |                               |
| Sensor                                   | Sony HAD 1/4" CCD   | Sony HAD 1/4" CCD  | Sony EX-view HAD 1/4" CCD with Wide Dynamic Range       |                               |
| Resolution                               | 460TVL, 440k pixels (PAL)<br>470TVL, 380k pixels (NTSC)   | 460TVL, 440k pixels (PAL)<br>470TVL, 380k pixels (NTSC)  | 530TVL, 440k Pixels (PAL)<br>530TVL, 380k Pixels (NTSC) |                               |
| Privacy Masks                            | 24 (up to 8 displayed at once)  |  |   |                               |
| Colour Sensitivity                       | 1Lux  | 1Lux   | 0.05Lux   |                               |
| Monochrome Sensitivity                   | 1Lux  | 1Lux   | 0.01Lux   |                               |
| Wide Dynamic Range Mode                  | -   | -  | Yes   | Yes                           |
| Camera Movement                          | 0.05° to 300°/sec max (both axes)<br>360° continuous pan rotation<br>(Fixed Model: Manually adjustable 360° pan, 90° tilt down)   |  |   |                               |
| Presets/Patrols                          | Up to 200 preset positions with 20 character programmable titles<br>100 patrols of up to 16 preset positions.<br>100 deep alarm response memory.  |  |   |                               |
| Optical Zoom                             | 18x   |  |   | 36x                           |
| Focal Length                             | 4.1 to 73.8mm (F1.4 to F3)  |  |   | 3.4 to 122.4mm (F1.6 to F4.5) |
| Angle of View                            | 2.7° (tele) to 48° wide<br>2.7° (tele) to 48° wide  |  |   | 1.7° (tele) to 58° wide       |
| Digital Zoom                             | 12x   |  |   |                               |
| Video Launch Amplifier                   | 0-4dB : 5 steps (not included on Fixed Model)   |  |   |                               |
| <b>Telemetry</b>                         |   |  |   |                               |
| DM RS485                                 | Dennard/DM (120 Addresses), Pelco P (60 Addresses), Bosch & Ultrak (30 Addresses)<br>Domes can be configured by a switch to have all RS485 addresses allocated to Dennard/DM or Pelco P Protocols allowing up to 239 unique addresses |  |   |                               |
| DM UTC                                   | Dennard/DM, Baxall, BBV, Pelco Coaxitron  |  |   |                               |
| <b>Weights, Measures &amp; Materials</b> |   |  |   |                               |
| Voltage                                  | 18-26Vac, 22-36Vdc  |  |   |                               |
| Power Consumption                        | 20W   |  |   |                               |
| Operating Temperature                    | 0°C to +50°C Max<br>90% humidity  | -35°C to +50°C Max<br>90% humidity<br>Sunshield recommended when used in hot external environments |   |                               |
| IP Rating                                | IP50  | IP66   |   |                               |
| Dome Head Dimension                      | 189 x 205mm   | 206 x 240mm  |   |                               |
| PSU Dimension                            | 130x70x75   | 165 x 135 x 95mm   |   |                               |
| Dome Head Weight                         | 2.2kg   | 3.5kg  |   |                               |
| PSU Weight                               | 880g  | 1.3kg  |   |                               |
| Enclosure                                | Injection moulded Ronfalin<br>VE820 ABS<br>Injection moulded polycarbonate  | Pressure die-cast aluminium<br>and injection moulded polycarbonate                                 |   |                               |
| Finish                                   | RAL9002   | Polyester powdercoat<br>Ash Grey (BS4800 00-A-01)  |   |                               |

| Indoor Models   |  |
|-----------------|--|
| Model Code      | Description  |
| DM/2060-18CM/L  | 6" 18x Colour/Mono Indoor Dome for RS485 or DM/BBV/Baxall/Pelco UTC Control (English/ Spanish/Dutch/Italian/French) PSU Not Included                             |
| Outdoor Models  |  |
| Model Code      | Description  |
| 18x Colour/Mono |  |
| DM/2060-200     | 6" 18x Colour/Mono 24Vac PSU Smoked Dome for RS485 or DM/BBV/Baxall/Pelco UTC control (English/ Spanish/ Dutch/ Italian/ French)                                 |
| DM/2060-202     | 6" 18x Colour/Mono 24Vac PSU Smoked Dome for RS485 or DM/BBV/Baxall/Pelco UTC control (English/ Spanish/ Dutch/ Italian/ French) Inc DRX Card with 4 alarms      |
| DM/2060-204     | 6" Indoor 18x Colour/Mono 24Vac PSU Smoked Dome for RS485 or DM/BBV/Baxall/Pelco UTC control (English/ Spanish/ Dutch/ Italian/ French) Inc AL008 Alarm Card     |
| DM/2060-210     | 6" Indoor 18x Colour/Mono Clear Dome for RS485 or DM/BBV/Baxall/Pelco UTC control (English/ Spanish/ Dutch/ Italian/ French) PSU Not Included                    |
| 18x Day/Night   |  |
| DM/2060-201     | 6" Outdoor 18x Day/Night 24Vac PSU Clear Dome for RS485 or DM/BBV/Baxall/Pelco UTC control (English/ Spanish/ Dutch/ Italian/ French)                            |
| DM/2060-203     | 6" Outdoor 18x Day/Night 24Vac PSU Clear Dome for RS485 or DM/BBV/Baxall/Pelco UTC control (English/ Spanish/ Dutch/ Italian/ French) Inc DRX Card with 4 alarms |
| DM/2060-205     | 6" Outdoor 18x Day/Night 24Vac PSU Clear Dome for RS485 or DM/BBV/Baxall/Pelco UTC control (English/ Spanish/ Dutch/ Italian/ French) Inc AL008 Alarm Card       |
| DM/2060-208     | 6" Outdoor 18x Day/Night Fixed Attitude Day/Night Dome inc 24Vac PSU   |
| DM/2060-211     | 6" Outdoor 18x Day/Night Clear Dome for RS485 or DM/BBV/Baxall/Pelco UTC control (English/ Spanish/ Dutch/ Italian/ French) PSU Not Included                     |
| DM/2060-221     | 6" NTSC Outdoor 18x Day/Night inc. 110Vac PSU Clear Dome for RS485 or DM/BBV/Baxall/Pelco UTC control (English/ Spanish/ Dutch/ Italian/ French)                 |
| DM/2060-231     | 6" NTSC Outdoor 18x Day/Night Clear Dome for RS485 or DM/BBV/Baxall/Pelco UTC control (English/ Spanish/ Dutch/ Italian/ French) PSU Not Included                |
| DM/2060-283     | 6" Outdoor 18x Day/Night inc. 24Vac PSU Clear Dome for RS485 or DM/BBV/Baxall/Pelco UTC control (English/ Spanish/ Dutch/ Italian/ French) – Painted Black       |
| 36x Day/Night   |  |
| DM/2060-241     | 6" Outdoor 36x Day/Night 24Vac PSU Clear Dome for RS485 or DM/BBV/Baxall/Pelco UTC control (English/ Spanish/ Dutch/ Italian/ French)                            |
| DM/2060-245     | 6" Outdoor 36x Day/Night 24Vac PSU Clear Dome for RS485 or DM/BBV/Baxall/Pelco UTC control (English/ Spanish/ Dutch/ Italian/ French) Inc AL008 Alarm Card       |
| DM/2060-248     | 6" Outdoor 36x Day/Night Fixed Attitude Day/Night Clear Dome inc 24Vac PSU   |
| Dummy Model     |  |
| DM/2060-006     | 6" Indoor / Outdoor Dummy Dome with wall bracket   |

Add 'N' to part code for on-screen menus and manuals in English/Danish/Finnish/German/Swedish (e.g. DM/2060-201N)

Add 'E' to part code for on-screen menus and manuals in English/Croatian/Czech/Polish (e.g. DM/2060E18CM/L)

Versions painted Black RAL9005 and other RAL colours are also available

# ACCESSORIES



| No | Product Code   | Dimensions   | Description  |
|----|--|--|--|
| 1  | DM/90001   | Ø127xØ341mm  | Tile Mount   |
| 2  | DM/90002   | H354xØ46mm;<br>H160x193mm  | Wall/Pendant Mount   |
| 3  | DM/90003<br>DM/90012<br>DM/90013<br>DM/90014<br>DM/90046 | H250-Ø44.5mm<br>H500-Ø44.5mm<br>H1000-Ø44.5mm<br>H1500-Ø44.5mm<br>H150-Ø44.5mm | Pendant Mount  |
| 4  | DM/90004   | H900xW300mm  | Snowdrop Mount   |
| 5  | DM/90005   | L600xH500mm  | Vintage style wall mount for 2060 Dome in Black                          |
| 6  | DM/90006   | Ø240xØ80mm   | Ceiling Mount Plate  |
| 7  | DM/90007   | H126xW126x<br>D80mm  | Corner Bracket to convert existing wall bracket                          |
| 8  | DM/90008   | L600xH190mm  | Extended Corner Bracket  |
| 9  | DM/90009   | L600xH190mm  | Extended Wall Mount<br>for Wall/Pendant Bracket DM/90002                 |
| 10 | DM/90010   |  | White Rain Shield  |
| 11 | DM/94002   |  | 3m Lead, Power, Data, Video  |
| 12 | DM/94003   |  | 10m Lead, Power, Data, Video   |
| 13 | DM/94004   |  | 20m Lead, Power, Data, Video   |
| 14 | DM/CAM/SDAHS/N   |  | Hemisphere Assembly Smoked (for external domes)                          |
| 15 | DM/CAM/SDAHC/N   |  | Hemisphere Assembly Clear  |
| 16 | DM/94038   |  | White Plastic Sunshield (for external domes)                             |
| 17 | DM/95055   |  | IP65 Replacement PSU, 230VAC to 24VAC                                    |
| 18 | DM/94081   |  | PSU With Integrated Video JPEG / MPEG-4 IP<br>Encoder 230VAC             |
| 19 | DM/94012   |  | Power supply for internal 2060 dome. UK plug,<br>230Vac in, 24Vac 1A out |
| 20 | DM/94013   |  | Power supply for internal 2060 dome. EU plug,<br>230Vac in, 24Vac 1A out |
| 21 | DM/95095   |  | Replacement hemisphere for indoor 2060 dome -<br>smoked                  |
| 22 | DM/95096   |  | Replacement hemisphere for indoor 2060 dome -<br>clear                   |
| 23 | DM/CSD/TMR   |  | Tile Mount ring for indoor 2060  |

To find your nearest Dedicated Micros office, please visit

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