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mNVR S250

| No. | Name | Technical data |
|-----|--------------------------------------|---|
| 1 | Data transmission standard | 2G, 3G, 4G |
| 2 | Communication channel in GSM network | GPRS, 3G; 4G |
| 3 | Number of SIM cards | 2 |
| 4 | SIM card format | Mini-SIM |
| 5 | Type of navigation system | GPS/Galileo/BEIDOU |
| 6 | Execution of GSM and GPS antennas | External |
| 7 | Auxiliary digital interfaces | USB, CAN, Ethernet, WiFi, Bluetooth Low Energy (BLE), RS485 |
| 8 | WiFi module | 802.11bgn : 2.4Ghz, 802.11ac : 5Ghz |

| No. | Name | Technical data |
|-----|---|--|
| 9 | Motion sensor | Accelerometer |
| 10 | Number of digital inputs with active "0" | 1 |
| 11 | Number of digital inputs with active "1" | 1 |
| 12 | Analog inputs | 1 |
| 13 | Current type | DC |
| 14 | Supply voltage | From +10 v to +30 v |
| 15 | Average current consumption(12 V),without cameras | 300 mA |
| 16 | Voltage range of digital inputs | 0 V to +30 V |
| 17 | Analog input voltage range | 0 V to +27 V |
| 18 | Number of cameras | Up to 4 |
| 19 | Camera type | IP camera |
| 20 | Connector type for connecting cameras | RJ45 4 ports 10/100 |
| 21 | Memory format | MicroSD card |
| 22 | Memory capacity | 16 Gb - 2Tb |
| 23 | Operating temperature | -10 °C to +70 °C (14°F to 158°F) |
| 24 | Relative humidity | 70 % |
| 25 | Overall dimensions (L x W x H) | (153 x 99 x 22) mm (6.02"×3.89"×0.86") |
| 26 | Device weight | 500 g. (1.1 lb) |
| 27 | Case material | Metal |

mNVR S260

| No. | Name | Technical data |
|-----|---|---|
| 1 | Data transmission standard | 2G, 3G, 4G |
| 2 | Communication channel in GSM network | GPRS, 3G; 4G |
| 3 | Number of SIM cards | 2 |
| 4 | SIM card format | Mini-SIM |
| 5 | Type of navigation system | GPS/Galileo/BEIDOU |
| 6 | Execution of GSM and GPS antennas | External |
| 7 | Auxiliary digital interfaces | USB, CAN, Ethernet, WiFi, Bluetooth Low Energy (BLE), RS485 |
| 8 | WiFi module | 802.11bgn : 2.4Ghz, 802.11ac : 5Ghz |
| 9 | Motion sensor | Accelerometer |
| 10 | Number of digital inputs with active "0" | 1 |
| 11 | Number of digital inputs with active "1" | 1 |
| 12 | Analog inputs | 1 |
| 13 | Current type | DC |
| 14 | Supply voltage | From +10 v to +30 v |
| 15 | Average current consumption(12 V),without cameras | 300 mA |
| 16 | Voltage range of digital inputs | 0 V to +30 V |
| 17 | Analog input voltage range | 0 V to +27 V |
| 18 | Number of cameras | Up to 4 |

| No. | Name | Technical data |
|-----|---------------------------------------|--|
| 19 | Camera type | IP camera |
| 20 | Connector type for connecting cameras | RJ45 4 ports 10/100 |
| 21 | Memory format | M2 SATA III |
| 22 | Memory capacity | 120-240 Gb |
| 23 | Operating temperature | -10 °C to +70 °C (14°F to 158°F) |
| 24 | Relative humidity | 70 % |
| 25 | Overall dimensions (L x W x H) | (153 x 99 x 22) mm (6.02"×3.89"×0.86") |
| 26 | Device weight | 500 g. (1.1 lb) |
| 27 | Case material | Metal |

mNVR S261

| No. | Name | Technical data |
|-----|---|---|
| 1 | Data transmission standard | 2G, 3G, 4G |
| 2 | Communication channel in GSM network | GPRS, 3G; 4G |
| 3 | Number of SIM cards | 2 |
| 4 | SIM card format | Mini-SIM |
| 5 | Type of navigation system | GPS/Galileo/BEIDOU |
| 6 | Execution of GSM and GPS antennas | External |
| 7 | Auxiliary digital interfaces | USB, CAN, Ethernet, WiFi, Bluetooth Low Energy (BLE), RS485 |
| 8 | WiFi module | 802.11bgn : 2.4Ghz, 802.11ac : 5Ghz |
| 9 | Motion sensor | Accelerometer |
| 10 | Number of digital inputs with active "0" | 1 |
| 11 | Number of digital inputs with active "1" | 1 |
| 12 | Analog inputs | 1 |
| 13 | Current type | DC |
| 14 | Supply voltage | From +10 v to +30 v |
| 15 | Average current consumption(12 V),without cameras | 300 mA |
| 16 | Voltage range of digital inputs | 0 V to +30 V |
| 17 | Analog input voltage range | 0 V to +27 V |
| 18 | Number of cameras | Up to 4 |
| 19 | Camera type | IP camera |
| 20 | Connector type for connecting cameras | RJ45 4 ports 10/100 |
| 21 | Memory format | MicroSD card, SSD drive |
| 22 | Memory capacity | 16-256 Gb(MicroSD), 120Gb-2Tb(SSD) |
| 23 | Operating temperature | -10 °C to +70 °C (14°F to 158°F) |
| 24 | Relative humidity | 70 % |
| 25 | Overall dimensions (L x W x H) | (153 x 99 x 22) mm (6.02"×3.89"×0.86") |
| 26 | Device weight | 500 g. (1.1 lb) |
| 27 | Case material | Metal |

Mobile Camera| DH-IPC-MW1230D-HM12

| No | Name of parameter | Technical data | | | | |
|----------------|--------------------------|--|------------|------------|-----------|----------|
| Camera | | | | | | |
| 1 | Image Sensor | 1/2.7" 2Megapixel progressive scan CMOS | | | | |
| 2 | Effective Pixels | Effective Pixels 1920(H) x 1080(V) | | | | |
| 3 | RAM/ROM | 128MB/16MB | | | | |
| 4 | Scanning System | Progressive | | | | |
| 5 | Electronic Shutter Speed | Auto/Manual, 1/3~1/100000s | | | | |
| 6 | Minimum Illumination | 0.02Lux/F2.1(Color,1/3s,30IRE) 0.2Lux/2.1(Color,1/30s,30IRE) 0Lux/F2.1(IR on) | | | | |
| 7 | S/N Ratio | More than 50dB | | | | |
| 8 | IR Distance | Distance up to 30m (98ft) | | | | |
| 9 | IR On/Off Control | Auto/ Manual | | | | |
| 10 | IR LEDs | 1 | | | | |
| Lens | | | | | | |
| 11 | Lens Type | Fixed | | | | |
| 12 | Mount Type | Board-in | | | | |
| 13 | Focal Length | 2.8mm (3.6mm, 6mm optional) | | | | |
| 14 | Max. Aperture | F2.1 (F2.0, F2.0) | | | | |
| 15 | Angle of View | H: 115° (86°, 53°), V: 62° (47°, 30°) | | | | |
| 16 | Focus Control | Fixed | | | | |
| 17 | DORI Distance | Lens | Detect | Observe | Recognize | Identify |
| | | 2.8 mm | 40m(131ft) | 16m(52ft) | 8m(26ft) | 4m(13ft) |
| | | 3.6 mm | 53m(173ft) | 21m(68ft) | 11m(36ft) | 5m(16ft) |
| | | 6.0 mm | 80m(262ft) | 32m(104ft) | 16m(52ft) | 8m(26ft) |
| Video | | | | | | |
| 18 | Compression | H.265+/H.265/H.264+/H.264 | | | | |
| 19 | Streaming Capability | 2 Streams | | | | |
| 20 | Resolution | 1080P(1920×1080)/1.3M(1280×960)/ 720P(1280×720)/D1(704×576/704×480)/ VGA(640×480)/CIF(352×288/352×240) | | | | |
| 21 | Frame Rate | Main Stream: 1080P(1~25/30fps) Sub Stream: D1(1~25/30fps) | | | | |
| 22 | Bit Rate Control | CBR/VBR | | | | |
| 23 | Bit Rate | H.264: 32~6144Kbps H.265: 12~6144Kbps | | | | |
| 24 | Day/Night | Auto(ICR) / Color / B/W | | | | |
| 25 | BLC Mode | Auto/Natural/Street Lamp/Outdoor/Manual | | | | |
| 26 | White Balance | Auto/Manual | | | | |
| 27 | Gain Control | 3D DNR | | | | |
| 28 | Motion Detetion | Off / On (4 Zone, Rectangle) | | | | |
| 29 | Region of Interest | Off / On (4 Zone) | | | | |
| 30 | Smart IR | Support | | | | |
| 31 | Flip | 0°/90°/180°/270° | | | | |
| 32 | Mirror | Off / On | | | | |
| 34 | Privacy Masking | Off / On (4 Area, Rectangle) | | | | |
| Network | | | | | | |

| | | |
|-----------------------|----------------------|--|
| 35 | Ethernet | -M12:M12 A-Coding(10/100Base-T) |
| 36 | Protocol | HTTP; HTTPS; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP;NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP |
| 37 | Interoperability | ONVIF profile S, CGI |
| 38 | Streaming Method | Unicast / Multicast |
| 39 | Max. User Access | 10 Users /20 Users |
| 40 | Edge Storage | NAS Local PC for instant recording |
| 41 | Web Viewer | IE, Chrome, Firefox, Safari |
| 42 | Management Software | Smart PSS, DSS, Easy4ip |
| 43 | Smart Phone | IOS, Android |
| Certifications | | |
| 44 | Certifications | CE (EN 60950:2000) FCC: FCC Part 15 Subpart B E-mark(ECE-Regulation No.10) EN50155(Optional) |
| Electrical | | |
| 45 | Power Supply | DC12V |
| 46 | Power Consumption | <3.7W |
| 47 | Operating Conditions | -30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH |
| 48 | Storage Conditions | 30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH |
| 49 | Ingress Protection | IP67,IP6K9K |
| Construction | | |
| 50 | Casing | Metal |
| 51 | Dimensions | 80.2mm×65.8mm×59.2mm (3.16"×2.59"×2.33") |
| 52 | Net Weight | 0.28Kg (0.62lb) |
| 53 | Gross Weight | 0.35Kg (0.77lb) |

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