| Models SD8363E Alarm and Event   |                      | ifications                                |                       |  |
|--|----------------------|---|-----------------------|--|
| System Information  CPU Multimode Soc (System-on-Chip) Files 228 MB 228  | <u> </u>             |   | Alarm and Event       |  |
| Alam Events   Alam Events   Event indication using digital capat, A HTTP, SMTP, FTP Rish RAM   22 6M B   |                      |   | Alarm Triggers        | Video motion detection, manual trigger, periodical trigger, system |
| Camera Features  Fig. May 260 M8  Zero  | •                    |   | Alarm Events          | •  |
| Commor Factures  Inage Sprear  |                      |   | Alaim Events          |  |
| Camera Features   12.87 Progressive CMOS   1   |                      |   |                       |  |
| Image Sector  10.EF Progressive CMOS  Connectors  10.EF Structure  20.c optical structs  10.EF Structure  1 |                      | 250 MB                                    |                       | File upload via HTTP, SWITP, FTP and WAS server                    |
| Maximum Resolution   1920x1080   20x optional process   20x optional | Camera Features      |   | General               |  |
| Maximum Resolution   1202-11039   Audio input   Audio input   Audio input   Audio input   Audio diput   Audio dipu |                      |   | Connectors            | R.I-45 cable connector for Network/PoE connection                  |
| Food Lungth Food Lungth Food (Lungth Food (L |                      |   |                       |  |
| Aperture F1.6 (wide) = F3.5 (bite) DC-ires Field of View 3" - 55" (incironals) 2" - 2" (viettain) 2" - 52" (viettain) 3" - 55" (viettain) 2" - 52" (viettain) 3" - 55" |                      |   |                       | ·  |
| Auto-tris Field of Vew 2" - 5° (Incitionals) 2" - 3° (Ventical) 2" - 3° (Ventical) 2" - 3° (Ventical) 2" - 3° (Ventical) 3" - 5° (Incitonals) 2" - 3° (Ventical) 3" - 5° (Incitonals) 3" - 5° (Inciton |                      |   |                       | •  |
| Field of View  3" - 50" (Indicational) 2" - 32" (vertical) 3" - 64" (disponal) 3" - 64 |                      |   |                       | · · · · ·  |
| Studer Time (**)  3" - 64" (diagonal)  3" - 64" (diagonal)  3" - 64" (diagonal)  3" - 64" (diagonal)  WDR Part (di |                      |   |                       | •  |
| Shutler Time 11 sec to 1/10,000 sec. WDR Technology | ried or view         |   | LEDI F                | 0 1  |
| Shutter Time 1/1 sec. to 1/10,000 sec. WORR Technology WORR WORR Technology WORR WORR Technology WORR WORR WORR Technology WORR WORR WORR WORR WORR WORR WORR WOR  |                      |   |                       |  |
| DayNight Removable R.cut filter for day & night function Minimum Illumination 0.02 Law @ F1.6, 50 IRE (Color) 0.00" - 460" / sec. 0.05" - 460" / sec. 0.05" - 460" / sec. 18 Page 200" (+10" - +110") Perset Locations — 250 preset locations, 40 presets per four Panklitzoom — 48x digit zoom (4x on lie plug-4n, 12x bull-in) Perset Locations — 256 preset locations, 40 presets per four Panklitzoom — 48x digit zoom (4x on lie plug-4n, 12x bull-in) Perset Locations — 410 pan mode — Auto pan mode — Auto pand mode — No-board Storage — 50/50H-M-50XX card slot — 12x bull-in) Perset Locations — 12x bull-in — 12 | Shutter Time         |   |                       | • •  |
| DayNight Removable Re.d. tifler for day & night function Minimum Illumination 0.02 Law @ F16, 50 IRE (Color) 0.007 Law @ F16,  |                      | WDR Pro                                   | Power Input           |  |
| Pan Speed 0.05" - 480" / sec.  | Day/Night            |   |                       | High Power PoE   |
| Pan Spaed 9.05" - 450" / sec. Pan Range 360 endless 36 | Minimum Illumination |   |                       | AC 24V   |
| Pan Range 360 endiess  |                      |   | Power Consumption     | PoE plus:  |
| Till Speed 200 (-110" - +110") sec. Till Range 200 (-110" - +110" - +110") sec. Till Range 200 (-110" - +1 |                      |   |                       | Max. 19W   |
| Till Pange 220° (+10° - +110°) Preset Lozations 256 preset bosolitons, 40 presets per four Penet Lozations 256 preset bosolitons, 40 presets per four Panfiltizoom 48x digital zoom (4x on IE plug-in, 12x built-in) High Power PpE: Hordionalities Auto part or mode Au |                      |   |                       |  |
| Preset Locations 256 preset tocations, 40 presets per four Pantifitzoom 48x digital zoom (xox on Lie Jug-in, 12x built-in) Functionalities Auto parn mode Auto parn mode Auto parn mode Auto part mode On-board Storage SD/SDHC/SDXC card slot Droboard SD/SDHC/SDXC card SD/SDAC card slot Droboard SD/SDAC card SD |                      |   |                       |  |
| Panfiltzoom   Ask digital zoom (dx on lE plug-in, 12x built-in)  |                      |   |                       | · · · · · · · · · · · · · · · · · · ·                              |
| Functionalities Auto partor mode Auto partor mode Auto partor mode On-board Storage SD/SDHC/SDXC card slot  Video  Compression H 284, MJPEG & MPEG-4  Compression H 284, MJPEG & MPEG-4  Autor Space S |                      |   |                       |  |
| Auto patrol mode SDSDHCSDXC card slot Video  Maximum Frame Rate  Maximum Site of the Site of |                      |   |                       |  |
| Dimensions   Dim   |                      |   |                       |  |
| Video Compression Maximum Frame Rate  # 1284, MJPEG & MPEG-4  # 1284   | On-board Storage     | SD/SDHC/SDXC card slot                    | ·                     | ,  |
| Compression  H 264, MJPEG & MPEG-4  H 264: 30 fps @ 1920x1080 60 fps @ 1220x720 MPEG-4: 30 fps @ 1920x1080 60 fps @ 1220x720 MPEG-4: 30 fps @ 1920x1080 60 fps @ 1220x720 MPEG-4: 30 fps @ 1920x1080 60 fps @ 1220x720 MPEG-4: 30 fps @ 1920x1080 60 fps @ 1220x720 MPEG-4: 30 fps @ 1920x1080 60 fps @ 1220x720 MPEG-4: 30 fps @ 1920x1080 60 fps @ 1220x720 MPEG-3: 30 fps @ 1920x1080 60 fps @ 1220x720 MPEG-4: 30 fps @ 1220x1080 60 fps @  | Video                |   |                       |  |
| Maximum Frame Rate    H.284:   30 fps @ 1920x1090     00 fps @ 1280x720     MPEG-4:   30 fps @ 1920x1090     00 fps @ 1280x720     MJPEG 3:   30 fps @ 1920x1090     00 fps @ 1280x720     MJPEG 3:   30 fps @ 1920x1090     00 fps @ 1280x720     MJPEG 4:   30 fps @ 1920x1090     00 fps @ 1280x720     Up to 30/15 fps in WDR mode)   Warranty   36 months     System Requirements     System Requirements     Operating Temperature   5°C -5°C -5°C (AC 24V / High Power PoE)     Warranty   36 months     System Requirements     System Requirements     Operating System     Microsoft Windows 7/Vista/XP/2000     Warranty   36 months     System Requirements     Operating System     Microsoft Windows 7/Vista/XP/2000     Web Browser   Mozella Firefox 7~10 (Streaming only)     Internet Explorer 7 vor 8 x     Other Players   V.L.C: 1.11 or above     Quicktime: 7 or above     Outside Accessories     Other Players   V.L.C: 1.11 or above     Quicktime: 7 or above     Other Players   V.L.C: 1.11 or above     Quicktime: 7 or above     Other Players   V.L.C: 1.11 or above     Quicktime: 7 or above     Other Players   V.L.C: 1.11 or above     Quicktime: 7 or above     Other Players   V.L.C: 1.11 or above     Quicktime: 7 or above     Others   Vall mount bracket, screws, waterproof connectors, term     blocks, R.45 coupler, ethernet cable, quick installation guide, installa |                      |   |                       |  |
| 30 fps @ 1920x1080 60 fps @ 1280x720 MPEG-4: 30 fps @ 1920x1080 80 fps @ 1280x720 MPEG-30 fps @ 1920x1080 80 |                      |   | Casing                |  |
| 60 fps @ 1280x720 MPEG-4: 30 fps @ 1920x1080 60 fps @ 1280x720 MJFEG: 30 fps @ 1920x1080 60 fps @ 1280x720 MJFEG: 30 fps @ 1280x720 MJFEG: 40 Microsoft Windows 7/Vista/XP/2000 MJED: 40 Microsoft Windows 7/Vista/ | maximum Frame Kate   |   |                       |  |
| MPEC-4: 30 fps @ 1920x1080 60 fps @ 1280x720 MJPEC: 30 fps @ 1920x1080 60 fps @ 1280x720 MJPEC: 30 fps @ 1920x1080 60 fps @ 192 |                      |   |                       |  |
| 30 fps @ 1920x1080 60 fps @ 1280x720 MJPEC: 30 fps @ 1920x1080 60 fps @ 1280x720 MJPEC: 30 fps @ 1920x1080 60 fps @ 1280x720 MJPEC: 30 fps @ 1920x1080 60 fps @ 1280x720 (Up to 30/15 fps in WDR mode) 4 simultaneous streams SIN Ratio Above 60 dB Dynamic Range Video Streaming Adjustable irregolution, quality and bitrate Zoom enhacement for better image quality under limited bandwidth Image Settings Adjustable image size, quality and bit rate Time stamp, text overlay, flip & mirror Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks (Up to 24) Scheduled profile settings Audio Compression GSM-AMR, AAC, G.711, G.726 Interface External line output  Network Users Live viewing for up to 10 clients Protocols Interface 108ase-T/100 Base-T/100 Base-T/2 Ethernet (RJ-45) ONVIF Supported, specification available at www.onvif.org Intelligent Video Video Motion Detection Triple-window video motion detection   |                      |   | Operating Temperature |  |
| ## Of fise @ 1280x720 ## NPEC:    30 fise @ 1920x1080   60 fise @ 1920x1080   60 fise @ 1920x1080   60 fise @ 1920x1080   60 fise @ 1920x1080   Gu fise @  |                      |   |                       | -40°C ~ 55°C (AC 24V / High Power PoE)                             |
| 30 fps @ 1920x1080 60 fps @ 1920x1080 60 fps @ 1920x1080 60 fps @ 19280x720 (Up to 30/15 fps in WDR mode)  Maximum Streams 4 simultaneous streams  SN Ratio Above 80 dB  Dynamic Range 108 dB  Video Streaming Adjustable resolution, quality and bitrate Zoom enhacement for better image quality under limited bandwidth  Image Settings Adjustable image size, quality and bit rate Time stamp, text overlay, fip & mirror Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks (Up to 24) Scheduled profile settings  Audio Audio Capability Audio input/output (full duplex) Compression GSM-MMR, AAC, 6711, 6.726 Interface External microphone input External line output  Network  Users Live viewing for up to 10 clients Protocols IP-¼, IP-6, TCP/IP, HTTP, HTTPS, UP-IP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, Cos, SNMP, 802.1X, UP), ICMP Interface 10Base-T/100 BaseTX Ethemet (RJ-45) CNVIF Supported, specification available at www.onvif.org  Intelligent Video  Video Motion Detection Triple-window video motion detection   |                      |   | Warranty              | 36 months  |
| Operating System  80 fps @ 1280x720 (Up to 30/15 fps in WDR mode)  4 simultaneous streams  SN Ratio Above 60 dB Dynamic Range Video Streaming Adjustable resolution, quality and bitrate Zoom enhacement for better image quality under limited bandwidth Adjustable image size, quality and bit rate Time stamp, text overlay, flip & mirror Corfigurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks (Up to 24) Scheduled profile settings  Audio Capability Audio input/output (full duplex) Compression Interface External fine output  Network  Users Live viewing for up to 10 clients Protocols Interface 10Base-T/100 BaseTX Ethemet (RJ-45) ONNIF Supported, specification available at www.onvif.org  Intelligent Video  Video Motion Detection  Triple-window video motion detection  |                      | MJPEG:                                    | 0 t D'                |  |
| Maximum Streams 4 simultaneous streams 5 streams 7 streams 7 streams 7 streams 7 streams 7 streams 8 streams 6 streaming 7 streams 8 streams 9  |                      |   | System Requirements   |  |
| Maximum Streams 4 simultaneous streams (A simultaneous streams A simultaneous streams (A simultaneous streams Above 60 dB Dynamic Range 108 dB Video Streaming Adjustable resolution, quality and bitrate Zoom enhacement for better image quality under limited bandwidth Image Settings Adjustable image size, quality and bit rate Time stamp, text overlay, flip & mirror Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks (Up to 24) Scheduled profile settings  Audio Capability Audio input/output (full duplex) Compression GSM-AMR, AAC, G.711, G.726 Interface External line output  Network  Users Live viewing for up to 10 clients Protocols IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, 802 TX, UPp. ICMP interface 108ase-T/100 BaseTX Ethemet (RJ-45) CNN/IF Supported, specification available at www.onvif.org  Intelligent Video  Web Browser Mozilla Firefox 7-10 (Streaming only) Internet Explorer 7x or 8x    Other Players UC: 1.1.1 or above Quicktime: 7 or above User's manual, quick installation guide, Installation Wizerd ST7501 32-channel recording software CD  CD User's manual, quick installation guide, Installation Wizerd ST7501 32-channel recording software Others  Web Browser Mozilla Firefox 7-10 (Streaming only) Internet Explorer 7x or 8x  Other Players Uc: 1.1.1 or above Quicktime: 7 or above Included Accessories  CD User's manual, quick installation Wizerd ST7501 32-channel recording software Others  Web Browser Mozilla Firefox 7-10 (Streaming only) internet Explorer 7x or 8x  Other Players Uc: 1.1.1 or above Quicktime: 7 or above User's manual, quick installation Wizerd ST7501 32-channel recording software Others  ST7501 32-channel recording software Others  Others Wall mount bracket, screws, waterproof connectors, termi blocks, R,45 coupler, ethernet cable, quick installation Wizerd ST7501 32-channel recording software Others  Others Wall mount bracket, screws, waterproof connectors, termi blocks, R,45 coupler, ethernet c |                      |   | Operating System      | Microsoft Windows 7/Vista/XP/2000                                  |
| SN Ratio Above 60 dB Dynamic Range 108 dB Video Streaming Adjustable resolution, quality and bitrate Zoom enhacement for better image quality under limited bandwidth Image Settings Adjustable image size, quality and bit rate Time stamp, text overlay, flip & mirror Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks (Up to 24) Scheduled profile settings  Audio Audio Capability Audio input/output (full duplex) Compression Interface External microphone input External line output  Network  Users Live viewing for up to 10 clients Protocols IPV4, IPV6, TCP/IP, HTTP, HTTPS, UPPP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNIMP, 802.1X, UDP, ICMP NotVIF Supported, specification available at www.onvif.org  Interface Video Motion Detection Triple-window video motion detection   | Marrian um Chra anna |   |                       | Mozilla Firefox 7~10 (Streaming only)                              |
| Dynamic Range  108 dB  Video Streaming  Adjustable resolution, quality and bitrate Zoom enhacement for better image quality under limited bandwidth  Image Settings  Adjustable image size, quality and bit rate Time stamp, text overlay, flip & mirror Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks (Up to 24) Scheduled profile settings  Audio  Audio  Audio (SM-AMR, AAC, G.711, G.726 Interface  External microphone input External line output  Network  Users  Live viewing for up to 10 clients Protocols  IPv4, IPv6, TCPIP, HTTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP ONVIF Supported, specification available at www.onvif.org  Interface  Other Players  VLC: 1.1.11 or above Quicktime: 7 or above  Included Accessories  CD  User's manual, quick installation guide, Installation Wizard ST7501 32-channel recording software CD  Others  Wall mount bracket, screws, waterproof connectors, termi blocks, RJ45 coupler, ethernet cable, quick installation guide, Installation Wizard ST7501 32-channel recording software CO thers  Wall mount bracket, screws, valerproof connectors, termi blocks, RJ45 coupler, ethernet cable, quick installation guide, Installation Wizard ST7501 32-channel recording software CO thers  Wall mount bracket, screws, valerproof connectors, termi blocks, RJ45 coupler, ethernet cable, quick installation guide, Installation Wizard ST7501 32-channel recording software CD thers  Dimensions  Dimensions  Dimensions  321 mm  321 mm  321 mm   |                      |   |                       |  |
| Video Streaming Adjustable resolution, quality and bitrate Zoom enhacement for better image quality under limited bandwidth Image Settings Adjustable image size, quality and bit rate Time stamp, text overlay, flip & mirror Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks (Up to 24) Scheduled profile settings  Audio Audio Capability Audio input/output (full duplex) Compression GSM-AMR, AAC, G.711, G.726 Interface External microphone input External line output  Network  Users Live viewing for up to 10 clients Protocols IPV4, IPV6, TCP/IP, HTTP, LTTPS, UPPP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP ONVIF Supported, specification available at www.onvif.org  Interface Video Motion Detection  Triple-window video motion detection  |                      |   | Other Players         | •  |
| Zoom enhacement for better image quality under limited bandwidth andwidth Adjustable image size, quality and bit rate Time stamp, text overlay, flip & mirror Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks (Up to 24) Scheduled profile settings  Audio Audio Audio Capability Audio input/output (full duplex) Compression GSM-AMR, AAC, G.711, G.726 Interface External microphone input External line output  Network Users Live viewing for up to 10 clients Protocols IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, Cos, QoS, SMMP, 802.1X, UDP, ICMP ONVIF Supported, specification available at www.onvif.org Intelligent Video Video Motion Detection  Triple-window video motion detection  Included Accessories  Included Accessories  CD User's manual, quick installation guide, Installation Wizard ST7501 32-channel recording software Others  User's manual, quick installation Wizard ST7501 32-channel recording software Others  Others  Others  Others  Others  Others  Dimensions  Dimensions  Dimensions   |                      |   | outer i layere        |  |
| Image Settings  Adjustable image size, quality and bit rate Time stamp, text overlay, flip & mirror Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks (Up to 24) Scheduled profile settings  Audio  Audio Capability Audio input/output (full duplex) Compression Interface External microphone input External line output  Network  Users Live viewing for up to 10 clients Protocols IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP Interface ONVIF Supported, specification available at www.onvif.org  Intelligent Video  Video Motion Detection  Iriple-window video motion detection   |                      |   |                       | Quickarric. 7 or above   |
| Time stamp, text overlay, flip & mirror Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks (Up to 24) Scheduled profile settings  Audio  Audio Capability Compression GSM-AMR, AAC, G.711, G.726 Interface External microphone input External line output  Network  Users Live viewing for up to 10 clients Protocols IPv4, IPv6, TCP/IP, HTTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP ONVIF Supported, specification available at www.onvif.org  Intelligent Video  Video Motion Detection  Triple-window video motion detection  |                      |   | Included Accessories  |  |
| Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks (Up to 24) Scheduled profile settings  Audio  Audio Capability  Audio input/output (full duplex)  Compression Interface  External microphone input External line output  Network  Users  Live viewing for up to 10 clients Protocols  IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP  Interface  Interfa | Image Settings       |   | CD                    | Lleade manual quiel installation quide Installation Mirrard 2      |
| balance, exposure control, gain, backlight compensation, privacy masks (Up to 24) Scheduled profile settings  Audio  Audio Capability Audio input/output (full duplex) Compression GSM-AMR, AAC, G.711, G.726 Interface External microphone input External line output  Network  Users Live viewing for up to 10 clients Protocols IPv4, IPv6, TCP/IP, HTTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SMNP, 802.1X, UDP, ICMP Interface Inte |                      |   | CD                    |  |
| privacy masks (Up to 24) Scheduled profile settings  Audio  Audio Capability Audio input/output (full duplex) Compression GSM-AMR, AAC, G.711, G.726 Interface External microphone input External line output  Network  Users Live viewing for up to 10 clients Protocols IPV4, IPV6, TCP/IP, HTTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP Interface I |                      |   | 0.11                  |  |
| Scheduled profile settings  Audio  Audio Capability Audio input/output (full duplex) Compression GSM-AMR, AAC, G 711, G 726 Interface External microphone input External line output  Network  Users Live viewing for up to 10 clients Protocols IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP Interface 10Base-T/100 Base TX Ethernet (RJ-45) ONVIF Supported, specification available at www.onvif.org  Intelligent Video  Video Motion Detection Triple-window video motion detection   |                      |   | Others                |  |
| Audio Capability Audio input/output (full duplex) Compression Interface External microphone input External line output  Network  Users Live viewing for up to 10 clients Protocols IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP Interface IDBase-T/100 BaseTX Ethernet (RJ-45) ONVIF Supported, specification available at www.onvif.org  Intelligent Video  Video Motion Detection  Triple-window video motion detection   |                      |   |                       |  |
| Audio Capability  Compression  GSM-AMR, AAC, G.711, G.726  Interface  External microphone input External line output  Network  Users  Live viewing for up to 10 clients Protocols  IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP  Interface  10Base-T/100 BaseTX Ethernet (RJ-45)  ONVIF  Supported, specification available at www.onvif.org  Intelligent Video  Video Motion Detection  Triple-window video motion detection   |                      | Scrieduled profile Settings               | -                     |  |
| Compression Interface External microphone input External line output  Network  Users Live viewing for up to 10 clients Protocols IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP Interface 10Base-T/100 Base TX Ethernet (RJ-45) ONVIF Supported, specification available at www.onvif.org  Intelligent Video  Video Motion Detection  Triple-window video motion detection  | Audio                |   |                       | software CD  |
| Compression Interface External microphone input External line output  Network  Users Live viewing for up to 10 clients Protocols IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP Interface 10Base-T/100 Base TX Ethernet (RJ-45) ONVIF Supported, specification available at www.onvif.org  Intelligent Video  Video Motion Detection  Triple-window video motion detection  | Audio Capability     | Audio input/output (full duplex)          |                       |  |
| External line output  Network  Users Live viewing for up to 10 clients Protocols IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP Interface 10Base-T/100 Base TX Ethernet (RJ-45) ONVIF Supported, specification available at www.onvif.org  Intelligent Video  Video Motion Detection Triple-window video motion detection   |                      | GSM-AMR, AAC, G.711, G.726                | Dimensions            |  |
| Network  Users Live viewing for up to 10 clients Protocols IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP Interface 10Base-T/100 Base TX Ethernet (RJ-45) ONVIF Supported, specification available at www.onvif.org  Intelligent Video  Video Motion Detection Triple-window video motion detection   | Interface            |   | Difficusions          |  |
| Users Live viewing for up to 10 clients Protocols IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP Interface 10Base-T/100 Base TX Ethernet (RJ-45) ONVIF Supported, specification available at www.onvif.org Intelligent Video Video Motion Detection Triple-window video motion detection  |                      | External line output                      | т                     | <b>A</b>   |
| Protocols  IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP  Interface  10Base-T/100 Base TX Ethernet (RJ-45)  ONVIF  Supported, specification available at www.onvif.org  Intelligent Video  Video Motion Detection  Triple-window video motion detection  | Network              |   |                       |  |
| Protocols  IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP  Interface  10Base-T/100 Base TX Ethernet (RJ-45)  ONVIF  Supported, specification available at www.onvif.org  Intelligent Video  Video Motion Detection  Triple-window video motion detection  | Lisers               | Live viewing for up to 10 clients         |                       | <del>   •   </del>   |
| IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP Interface 10Base-T/100 Base TX Ethernet (RJ-45) ONVIF Supported, specification available at www.onvif.org Intelligent Video Video Motion Detection Triple-window video motion detection  |                      |   | -                     |  |
| QoS, SNMP, 802.1X, UDP, ICMP Interface 10Base-T/100 Base TX Ethernet (RJ-45) ONVIF Supported, specification available at www.onvif.org Intelligent Video Video Motion Detection Triple-window video motion detection   | 1 10100010           | IGMP SMTP FTP DHCP NTP DNS DDNS PPPoF CoS |                       |  |
| Interface 10Base-T/100 BaseTX Ethernet (RJ-45) ONVIF Supported, specification available at www.onvif.org Intelligent Video Video Motion Detection Triple-window video motion detection   |                      | QoS. SNMP. 802.1X. UDP. ICMP              | 391 mm                | 321 mm   |
| ONVIF Supported, specification available at www.onvif.org  Intelligent Video  Video Motion Detection Triple-window video motion detection  |                      | 10Base-T/100 BaseTX Ethernet (RJ-45)      |                       |  |
| Video Motion Detection Triple-window video motion detection  |                      |   |                       |  |
| Video Motion Detection Triple-window video motion detection  | Intelligent Video    |   |                       |  |
|  |                      |   |                       |  |
| Auto-tracking Auto-tracking on moving object 205 mm 316 mm   |                      |   | _                     |  |
|  |                      | Auto-tracking on moving object            |                       | 205 mm 316 mm  |

## **Compatible Accessories**



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VIVOTEK SD8363E is part of the SUPREME series product line offering 1080p Full HD resolution with superb image quality. Adopting a 20x optical zoom lens, the SD8363E is able to capture details at top-notch quality. The IP66- and NEMA 4X-rated housing protects the camera body against rain, dust, and corrosion within a wide temperature range of between -40°C to 55°C. This feature ensures operation under extreme weather conditions and hazardous environments. It is especially suitable for monitoring wide open indoor/outdoor spaces such as airports, highways and parking lots where high-level reliability and precision are always required.

IP66 • Extreme Weatherproof • PoE Plus

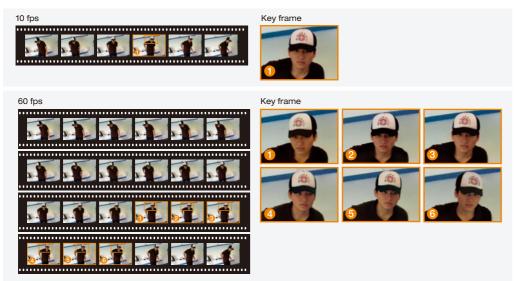
The SD8363E supports high-performance H.264/MPEG-4/MJPEG compression technology and offers extra smooth video quality with resolution up to 30 fps @ 1080p. Boasting WDR Pro technology, the SD8363E can also cope with challenging lighting conditions and generate image quality close to the capabilities of the human eye. With a sophisticated pan/tilt mechanism, the camera provides fast, precise movement with continuous 360-degree pan and 220-degree tilt. Users can also easily control the lens position via a mouse or a joystick to track the object of interest and set up to 256 preset positions. With the built-in auto tracking feature, the SD8363E provides instantaneous reaction to suspicious moving objects in wide area locations before operators are aware of activity.

As with all VIVOTEK true day/night cameras, the SD8363E features a removable IR-cut filter, maintaining clear images 24 hours a day. With audio detection, by recognizing increases or decreases in sound volume, an additional layer of intrusion detection is ensured. Zoom enhancement provides 60x optical zoom at 640x360 resolution by which VGA-level bandwidth is used to obtain image details as high as 1080p resolution. With other advanced features such as SD/SDHC/SDXC card slot, 802.3at compliant PoE Plus and 60 fps high quality video, the SD8363E is the best choice for the most demanding outdoor surveillance applications.



#### **60 fps Raises Recognition Accuracy**

The VIVOTEK SD8363E is able to transmit 60 fps @ 720p resolution with H.264 compression, whereas a conventional megapixel camera can generally only achieve 10 to 15 fps due to hardware limitations. 60 fps provides a significant advantage as it enables viewing and recording footage at an exceptional frame rate. This feature provides a more complete record of an event and ensures accurate target identification. The more images or frames that can be captured and delivered to a facial recognition database, the more forensic evidence is available for biometric pairing, significantly increasing the level of accuracy.



#### **Advanced Mechanism**

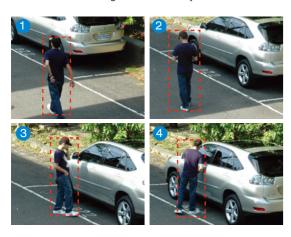
SD8363E has a pan range of 360° and tilt range of 220°. With the additional 20° tilt range, the SD8363E is able to expand the viewing range to the field above the normal horizontal view. Additionally, the SD8363E is built with QuickPan technology, allowing for 360° endless panning at a speed of 450° per second.

This allows users to quickly direct the camera lens to catch any object of interest in the field of view surrounding the camera.



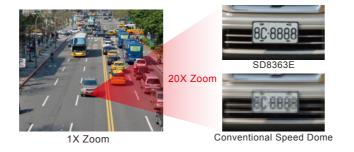
#### **Auto Tracking for Moving Objects**

The auto tracking feature provides instantaneous reaction to suspicious moving objects over a wide area before an operator may be aware of activity. Users are able to define the target object size in order to render auto tracking more effectively.



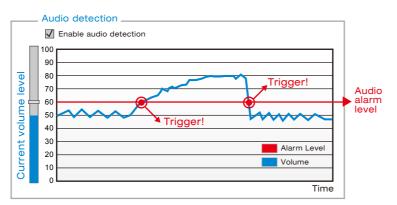
#### **Zoom Enhancement**

Utilizing a 20x optical zoom lens, the SD8363E provides close-up images with 1080p detail and effectively extends the user's viewing distance. Even under limited bandwidth environments, users can take advantage of the VIVOTEK Zoom enhancement feature to obtain image detail as high as 1080p resolution using VGA-level bandwidth.



#### **Audio Detection for Instant Alerts**

The audio detection feature enables an event trigger when a sudden, unexpected increase or decrease in sound volume occurs so as to alert users of a possible emergency situation.



#### **Unparalleled Visibility in High Contrast Environments**

When a camera is used in a high contrast, backlight, glare or light reflective environment, such as a building entrance, ATM or window, an object may appear dark and unrecognizable. WDR (Wide Dynamic Range) technology compensates for the unbalanced lighting, restoring the details throughout the field of view. With this feature, the SD8363E is able to maintain image quality even under challenging light conditions.

#### • WDR Pro

WDR Pro works by capturing alternate frames using different exposure times. An image signal processor (ISP) then uses a sophisticated algorithm to seamlessly combine the optimal portions of these two complementary frames to create a composite frame that retains details in both the dark and bright areas of the field of view.



### **Extreme Weatherproof**

#### Wide Temperature Range

The wide temperature range (-40°C  $\sim 55^{\circ}$ C) enhances the SD8363E's performance and reliability under extremely harsh weather conditions.



#### • IP66-rated and NEMA 4X Housing

The weather-proof IP66- and NEMA 4X-rated housing protects the SD8363E from rain, dust, and corrosion, allowing the device to operate outdoors under a multitude of weather conditions.





# SD8363E/63E-M | Speed Dome Network Camera

- 1080p Full HD SONY CMOS Sensor
- 30 fps @ 1080p Full HD 60 fps @ 720p HD
- 20x Zoom Lens
- Removable IR-cut Filter for Day & Night Function
- 360° Continuous Pan and 220° Tilt
- Real-time H.264, MPEG-4 and MJPEG Compression (Triple Codec)
- WDR Pro for Unparalleled Visibility in High Contrast Environments
- Weather-proof IP66-rated and NEMA 4X Housing
- $\bullet$  -40°C ~ 55°C Wide Temperature Range for Extreme Weather Conditions
- Audio Detection for Instant Alerts
   Auto Tracking for Moving Objects
- Auto Tracking for Moving Objects
- Built-in 802.3at Compliant PoE Plus
- 3D Privacy Masks for Additional Protection
- Built-in SD/SDHC/SDXC Card Slot for On-board Storage

