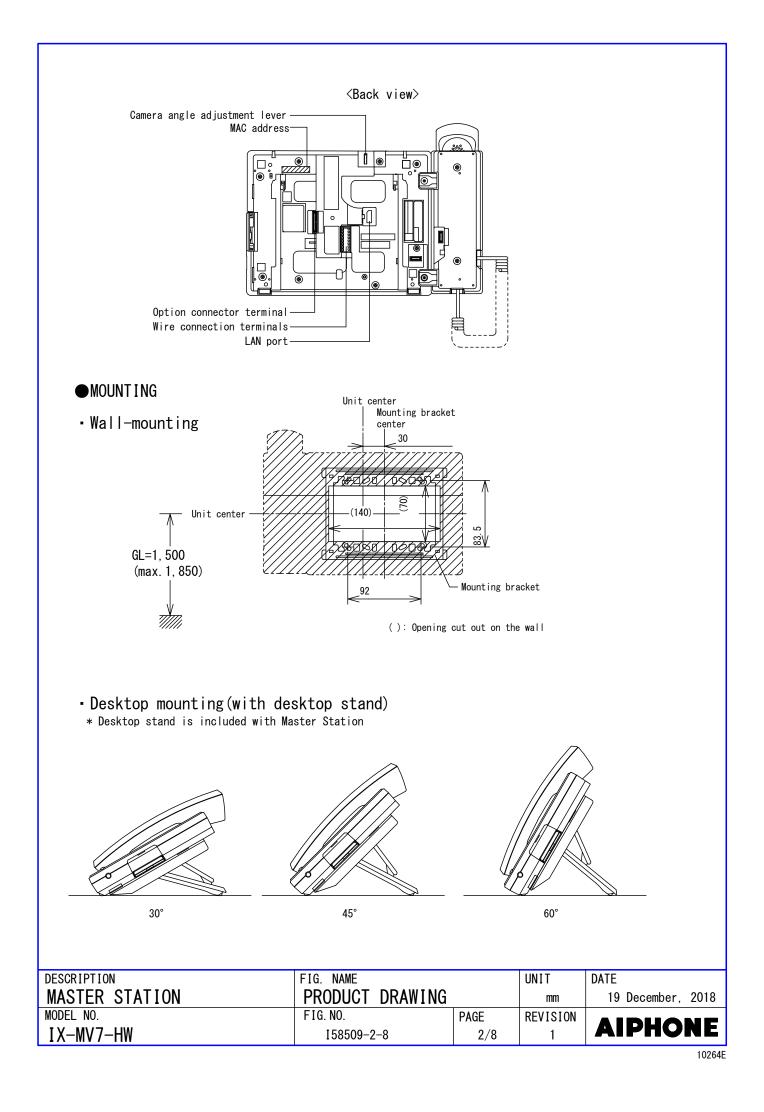
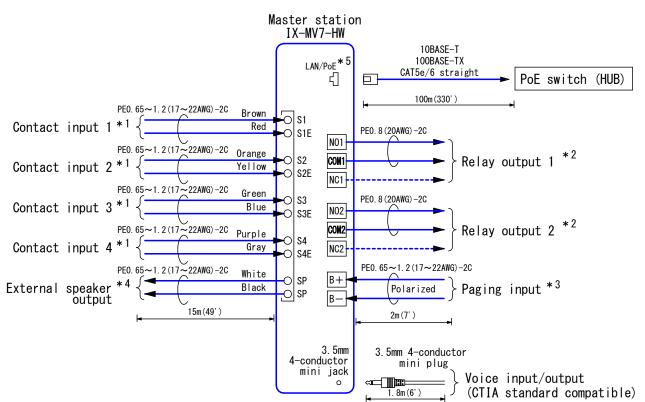
Monthing bracket	■ PRODUCT DRAWING						
280       Omera       31.         position       Status indicator light (status indicator light)       Status indicator light (status indicator light)         Unit center       Status indicator light       Status indicator light         unit center       Sight Status indicator light       Status indicator light         Unit center       Spiral code (Unexpended: 200 / max. 1.500)       Status indicator light         ESPECIFICATIONS       Standby 60mA, maximum 155mA       Hands-free: Automatic voice switching/touch-to-talk         Handsefree: Automatic voice switching/touch-to-talk       Handsefree: Automatic voice switching/touch-to-talk							Mounting bracket —
280       Omera       31.         position       Status indicator light (status indicator light)       Status indicator light (status indicator light)         Unit center       Status indicator light       Status indicator light         unit center       Sight Status indicator light       Status indicator light         Unit center       Spiral code (Unexpended: 200 / max. 1.500)       Status indicator light         ESPECIFICATIONS       Standby 60mA, maximum 155mA       Hands-free: Automatic voice switching/touch-to-talk         Handsefree: Automatic voice switching/touch-to-talk       Handsefree: Automatic voice switching/touch-to-talk						54	
280       Other a protition       Other a protection to provide the status incleator light (or nop)         Unit center       Status incleator light (or nop)       Increase light (or nop)         Int center       Reset button       Nicrophone         Spiral code (theorematic status incleator light (or nop)       Sism 4-conductor         Spiral code (theorematic status incleator light (or nop)       Sism 4-conductor         Spiral code (theorematic status incleator light (or nop)       Sism 4-conductor         Power source       Power-over-Ethernet (IEEE 802.3af Class 0)         Current consumption       Status incleator light Hands-free: Automatic voice switching/touch-to-talk Handset: Full-duplex(for calls between handsets only)         Monitor       7" FF LCD display, WGA 800 x480 (approx, 1.15 million pixels)         Camera       1/4-type CMS, VGA 640 x480 (approx, 300, 000 pixels)         LAN       Ethernet(10BASE-T, 100BASE-TX) Auto MDI/MDI-X-compatible         Audio codec       6, 711 (µ-law, A-law), 6, 722         Video codec       H.264/AVC, Motion JPE6         Protocol       SFFP, bidP, NTP, DNS         Encryption method       TLS1.0, TLS1.1, TLS1.2         Packet delivery       Unicast, Multicast         Number of stations in address book       Song white (SY3.3/0.1 Munsel1/ Approximation)         Worting       Desktop use (with desktop stand) or wall-						50	5. 5
Current consumption       Standy 6mA, maximum 155mA         Power source       Power-over-Ethernet(IEEE 802.3af Class 0)         Current consumption       Standy 6mA, maximum 155mA         Type of communication       Handset: Full-duplex(for calls between handsets only)         Monitor       7' TFI LOD display. WMA 800 x 480 capprox. 1.15m 11ion pixels)         Camera       1/4-type CMOS, VGA 640 x 480 (approx. 1.5m 11ion pixels)         Camera       1/4-type CMOS, VGA 640 x 480 (approx. 1.5m 11ion pixels)         Camera       1/4-type CMOS, VGA 640 x 480 (approx. 1.5m 11ion pixels)         Camera       1/4-type CMOS, VGA 640 x 480 (approx. 1.5m 11ion pixels)         Camera       1/4-type CMOS, VGA 640 x 480 (approx. 1.5m 11ion pixels)         Camera       1/4-type CMOS, VGA 640 x 480 (approx. 1.5m 11ion pixels)         Camera       1/4-type CMOS, VGA 640 x 480 (approx. 1.5m 11ion pixels)         Camera       1/4-type CMOS, VGA 640 x 480 (approx. 1.5m 11ion pixels)         Camera       1/4-type CMOS, VGA 640 x 480 (approx. 1.5m 11ion pixels)         Camera       1/4-type CMOS, VGA 640 x 480 (approx. 1.5m 11ion pixels)         Camera       1/4-type CMOS, VGA 640 x 480 (approx. 1.5m 11ion pixels)         Camera       1/4-type CMOS, VGA 640 x 480 (approx. 1.5m 11ion pixels)         Encryption method       TLS1. 1. TLS1.2         Packet delivery       Unicas						<	31.7
Commany	<	280	>	ł			$\leftarrow$
Common       Common       Status indicator light         pointion       Status indicator light       Common         Unit center       Status indicator light       Status indicator light         Unit center       Status indicator light       Status indicator light         Unit center       Status indicator       Status indicator         By Edification       Status indicator       Status indicator         Spiral code       (Inexpanded: 230 / max. 1, 500)       Status indicator         By Edification       Standby 66mA, maximum 155mA       Common         Type of communication       Handset Free: Automatic voice switching/touch-to-talk         Handset:       Full-duplex (for calls between handsets only)         Monitor       7' TFI LCD display, WGA 800 x 480 (approx. 1.15 million pixels)         Camera       1/4-type QMOS, VGA 640 x 480 (approx. 1.15 million pixels)         Camera       1/4-type QMOS, VGA 640 x 480 (approx. 1.15 million pixels)         Camera       1/4-type QMOS, VGA 640 x 480 (approx. 1.15 million pixels)         Camera       1/4-type QMOS, VGA 640 x 480 (approx. 1.15 million pixels)         Camera       1/4-type QMOS, VGA 640 x 480 (approx. 1.15 million pixels)         LAN       Ethernet(10BASE-T, 100BASE-TX) Auto MDI/MDI-X-compatible         Audio codec       6.711 (µ-1aw, A-1aw), 6.722		F		-Camera			
Comera       Status indicator light (trave/blue)         Unit center       Status indicator light (trave/blue)         Unit center       Resat button microSD ard slot         Spiral code       Microphone         Spiral code       Nucrophone         Spiral code       Power-over-Ethernet(IEEE 802.3af Class 0)         Current consumption       Standby 66mA, maximum 155mA         Type of communication       Hands-free: Automatic voice switching/touch-to-talk Handset: Full-duplex(for calls between handsets only)         Monitor       7" TFT LCD display, WVGA 800 x 480 (approx. 1.15 million pixels)         Camera       1/4-type GMOS, VGA 640 x 480 (approx. 1.15 million pixels)         Camera       1/4-type GMOS, VGA 640 x 480 (approx. 300, 000 pixels)         LAN       Ethernet (IOBASE-T, 100ASE) - TX) Auto MDI/MDI-X-compatible         Audio codec       6, 711(µ-1aw, A-1aw), 6, 722         Video codec       H.264/AVC, Motion JPEG         Prostool       IPv4, IPv6, TOP, UDP, SIP, HTP, HTTPS, RTSP, RTP, RTCP, IGMP, MLD, SMTP, SFTP, DHCP, NTP, DNS         Encryption method       TLS1.0, TLS1.1, TLS1.2         Packet delivery       Unicast, Multicast         Number of stations in address book       So stations         Ambient temperature       0-40°C         Mounting       Desktop use (with desk stand: 1.3kg (approx.) </td <td></td> <td></td> <td>/</td> <td></td> <td>sk lever</td> <td></td> <td></td>			/		sk lever		
Image: Decision of the set of the		ŕ	<u></u>		icator light		
unit center       Instruction of the stand s	position			(orange∕blı	ue)		
unit conternet definitions in address book       Power over-Ethernet(IEEE 802.3af Class 0)         Sepecifications       Simm 4-conductor microSD card slot microSD card sl	പ			-Liquid crys (touch scre	stal display een)		
microSD card slot         microSD card slot         microSD card slot         Spiral code (Unexpanded: 230 / max.1,500)         SPECIFICATIONS         Power source         Power-over-Ethernet(IEEE 802.3af Class 0)         Current consumption         Standby 66mA, maximum 155mA         Type of communication         Handset: Full-duplex(for calls between handsets only)         Monitor       7" TFT LDD display.WGA 800 x480 (approx. 1.15 million pixels)         Camera       1/4-type CMOS. VGA 640 x480 (approx. 300,000 pixels)         LAN       Ethernet(10BASE-T, 100BASE-TX) Auto MD1/MD1-X-compatible         Audio codec       G. 711(µ-1aw, A-1aw), G. 722         Video codee       H. 264/AVC, Motion JPEG         Protocol       IPv4, IPv6, TCP, UDP, SIP, HTTP, HTTPS, RTSP, RTP, IGMP, MLD, SMTP, SFP, DHCP, NTP, DNS         Encryption method       LS1, 0, TLS1, 1, TLS1, 2         Packet delivery       Unicast, Multicast         Number of stations in address book       500 stations         Ambient temperature       0~40°C         Mourting       Desktop use (with desktop stand) or wall-mount         Electrical box       3-grag box         Material       Self-extinguishing						hutton	
3. 5mm 4-conductor         Spiral code (Unexpanded: 230 / max.1,500)         ■SPECIFICATIONS         Power source       Power-over-Ethernet(IEEE 802.3af Class 0)         Current consumption       Standby 66nA, maximum 155mA         Type of communication       Handset: Full-duplex(for calls between handsets only)         Monitor       7" TFT LCD display, WVGA 800 x 480 (approx. 1.15 million pixels)         Camera       1/4-type CMOS, VGA 640 x 480 (approx. 300,000 pixels)         LAN       Ethernet(108ASE-T, 1008ASE-T, 1018ASE-T, 1018ASE-T, 1018ASE	Unit center —¥—						- <u>-</u> 7
3. bmm 4-conductor         With Handset         Speaker         Spiral code (Unexpanded: 230 / max.1,500)         ■ SPECIFICATIONS         Power source       Power-over-Ethernet(IEEE 802.3af Class 0)         Current consumption       Standby 66mA, maximum 155mA         Type of communication       Hands-free: Automatic voice switching/touch-to-talk Handset: Full-duplex(for calls between handsets only)         Monitor       7' TFT LCD display, WQA 800 x 480 (approx. 1.15 million pixels)         Camera       1/4-type CMOS, V&A 640 x 480 (approx. 300,000 pixels)         LAN       Ethernet(108ASE-T, 1008ASE-TX) Auto MDI/MDI-X-compatible         Audio codec       G, 711(µ-law, A-law), G, 722         Video codec       H.264/AVC, Motion JPEG         Protocol       IPv4, IPv6, TCP, UDP, SIP, HTTP, HTTPS, RTSP, RTP, RTCP, IGMP, MLD, SMTP, SFTP, DHCP, NTP, DNS         Encryption method       TLS1.0, TLS1.1, TLS1.2         Packet delivery       Unicast, Multicast         Number of stations in address book       500 stations         Ambient temperature       0~40°C         Mounting       Desktop use (with desktop stand) or wall-mount         Electrical box       3-grag box         Material       Self-extinguishing ABS resin         Unit color       Snow white (5Y9. 3/0.1 Munsel1 Approximation) <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2(</td>							2(
mini jack       mini jack         Bigeneric Spiral code (Unexpanded: 230 / max.1.500)					2 5mm 1_000	duatar	
Spiral code (Unexpanded: 230 / max.1.500)            BSPECIFICATIONS          Power source       Power-over-Ethernet(IEEE 802.3af Class 0)         Current consumption       Standby 66mA, maximum 155mA         Type of communication       Hands=free: Automatic voice switching/touch=to=talk         Automatic voice switching/touch=to=talk         Automatic voice switching/touch=to=talk         Hands=free: Automatic voice switching/touch=to=talk         Automatic voice voice switching/touch=to=talk         Automatic voice voice							
Spiral code (Unexpanded: 230 / max.1.500)            BSPECIFICATIONS          Power source       Power-over-Ethernet(IEEE 802.3af Class 0)         Current consumption       Standby 66mA, maximum 155mA         Type of communication       Hands=free: Automatic voice switching/touch=to=talk         Herde: Automatic voice switching/touch=to=talk         Herde: All Prod (FP, UDP, SIP, HTP, HTPS, RTSP, RTP, RTCP, IGMP, MLD, SMTP, SFTP, DucP, NIP, ONS         Horde: Nulticast         Number of		Ц		rophone			
■SPECIFICATIONS         Power source       Power-over-Ethernet(IEEE 802.3af Class 0)         Current consumption       Standby 66mA, maximum 155mA         Type of communication       Hands-free: Automatic voice switching/touch-to-talk Handset: Full-duplex(for calls between handsets only)         Monitor       7' TFT LCD display, WVGA 800 x 480 (approx. 1.15 million pixels)         Camera       1/4-type CMOS, VGA 640 x 480 (approx. 300,000 pixels)         LAN       Ethernet(10BASE-T, 100BASE-TX) Auto MDI/MDI-X-compatible         Audio codec       G. 711 (µ-law, A-law), G. 722         Video codec       H. 264/AVC, Motion JPEG         Protocol       SFTP, DHCP, NTP, DNS         Encryption method       TLS1.0, TLS1.1, TLS1.2         Packet delivery       Unicast, Multicast         Number of stations in address book       500 stations         Ambient temperature       O~40°C         Mounting       Desktop use (with desktop stand) or wall-mount       Electrical box       3-gang box         Material       Self-extinguishing ABS resin       UNIT       DATE         Moloclor       Profile S support       FIG. NOME       UNIT       DATE         19 December, 2018       MODEL NO.       FIG. NO.       PAGE       REVISION	Handset						
■SPECIFICATIONS         Power source       Power-over-Ethernet(IEEE 802.3af Class 0)         Current consumption       Standby 66mA, maximum 155mA         Type of communication       Hands-free: Automatic voice switching/touch-to-talk Handset: Full-duplex(for calls between handsets only)         Monitor       7' TFT LCD display, WVGA 800 x 480 (approx. 1.15 million pixels)         Camera       1/4-type CMOS, VGA 640 x 480 (approx. 300,000 pixels)         LAN       Ethernet(10BASE-T, 100BASE-TX) Auto MDI/MDI-X-compatible         Audio codec       G. 711 (µ-law, A-law), G. 722         Video codec       H. 264/AVC, Motion JPEG         Protocol       SFTP, DHCP, NTP, DNS         Encryption method       TLS1.0, TLS1.1, TLS1.2         Packet delivery       Unicast, Multicast         Number of stations in address book       500 stations         Ambient temperature       O~40°C         Mounting       Desktop use (with desktop stand) or wall-mount       Electrical box       3-gang box         Material       Self-extinguishing ABS resin       UNIT       DATE         Moloclor       Profile S support       FIG. NAME       UNIT       DATE         19 December, 2018       FIG.NO.       PAGE       REVISION       Altoward							U
Power source     Power-over-Ethernet(IEEE 802.3af Class 0)       Current consumption     Standby 66mA, maximum 155mA       Type of communication     Hands-free: Automatic voice switching/touch-to-talk Handset: Full-duplex(for calls between handsets only)       Monitor     7" TFT LCD display, WVGA 800 x 480 (approx. 1.15 million pixels)       Camera     1/4-type CMOS, VGA 640 x 480 (approx. 300,000 pixels)       LAN     Ethernet(10BASE-T, 100BASE-TX) Auto MDI/MDI-X-compatible       Audio codec     G. 711 (µ-law, A-law), G. 722       Video codec     H.264/AVC, Motion JPEG       Protocol     IPv4, IPv6, TCP, UDP, SIP, HTTP, HTTPS, RTSP, RTP, RTCP, IGMP, MLD, SMTP, SFTP, DHCP, NTP, DNS       Encryption method     TLS1.0, TLS1.1, TLS1.2       Packet delivery     Unicast, Multicast       Number of stations in address book     500 stations       Mounting     Desktop use (with desktop stand) or wall-mount       Electrical box     3-gang box       Material     Self-extinguishing ABS resin       Unit color     Snow white (5Y9.3/0.1 Munsell Approximation)       Weight     1.0kg (approx.) (when used with desk stand: 1.3kg (approx.)       Remarks     ONVIF Profile S support       DESCRIPTION     FIG. NAME       PRODUCT DRAWING/SPECIFICATIONS     Mm       19 December, 2018	Spiral c	ode (Unexpan	ded: 230 / max.1,5	00)			
Power source     Power-over-Ethernet(IEEE 802.3af Class 0)       Current consumption     Standby 66mA, maximum 155mA       Type of communication     Hands-free: Automatic voice switching/touch-to-talk Handset: Full-duplex(for calls between handsets only)       Monitor     7" TFT LCD display, WVGA 800 x 480 (approx. 1.15 million pixels)       Camera     1/4-type CMOS, VGA 640 x 480 (approx. 300,000 pixels)       LAN     Ethernet(10BASE-T, 100BASE-TX) Auto MDI/MDI-X-compatible       Audio codec     G. 711 (µ-law, A-law), G. 722       Video codec     H.264/AVC, Motion JPEG       Protocol     IPv4, IPv6, TCP, UDP, SIP, HTTP, HTTPS, RTSP, RTP, RTCP, IGMP, MLD, SMTP, SFTP, DHCP, NTP, DNS       Encryption method     TLS1.0, TLS1.1, TLS1.2       Packet delivery     Unicast, Multicast       Number of stations in address book     500 stations       Mounting     Desktop use (with desktop stand) or wall-mount       Electrical box     3-gang box       Material     Self-extinguishing ABS resin       Unit color     Snow white (5Y9.3/0.1 Munsell Approximation)       Weight     1.0kg (approx.) (when used with desk stand: 1.3kg (approx.)       Remarks     ONVIF Profile S support       DESCRIPTION     FIG. NAME       PRODUCT DRAWING/SPECIFICATIONS     Mm       19 December, 2018							
Current consumption       Standby 66mA, maximum 155mA         Type of communication       Hands-free: Automatic voice switching/touch-to-talk Handset: Full-duplex(for calls between handsets only)         Monitor       7" TFT LCD display, WVGA 800 x 480 (approx. 1.15 million pixels)         Camera       1/4-type CMOS, VGA 640 x 480 (approx. 300,000 pixels)         LAN       Ethernet(10BASE-T, 100BASE-TX) Auto MDI/MDI-X-compatible         Audio codec       G. 711(µ-law, A-law), G. 722         Video codec       H. 264/AVC, Motion JPEG         Protocol       IPv4, IPv6, TCP, UDP, SIP, HTTP, HTTPS, RTSP, RTP, RTCP, IGMP, MLD, SMTP, SFTP, DHCP, NTP, DNS         Encryption method       TLS1.0, TLS1.1, TLS1.2         Packet delivery       Unicast, Multicast         Number of stations in address book       500 stations         Mounting       Desktop use (with desktop stand) or wall-mount         Electrical box       3-gang box         Material       Self-extinguishing ABS resin         Unit color       Snow white (5Y9.3/0.1 Munsell Approximation)         Remarks       ONVIF Profile S support         DESCRIPTION       FIG. NO.       PAGE         MODEL NO.       FIG. NO.       PAGE	■ SPECIFICATIONS						
Type of communicationHands-free: Automatic voice switching/touch-to-talk Handset: Full-duplex(for calls between handsets only)Monitor7" TFT LCD display, WVGA 800 x 480 (approx. 1.15 million pixels)Camera1/4-type CMOS, VGA 640 x 480 (approx. 300,000 pixels)LANEthernet(10BASE-T, 100BASE-TX) Auto MDI/MDI-X-compatibleAudio codecG. 711 (µ-law, A-law), G. 722Video codecH. 264/AVC, Motion JPEGProtocolIPv4, IPv6, TCP, UDP, SIP, HTTP, HTTPS, RTSP, RTP, RTCP, IGMP, MLD, SMTP, SFTP, DHCP, NTP, DNSEncryption methodTLS1.0, TLS1.1, TLS1.2Packet deliveryUnicast, MulticastNumber of stations in address book500 stationsAmbient temperature0~40°CMountingDesktop use (with desktop stand) or wall-mountElectrical box3-gang boxMaterialSelf-extinguishing ABS resinUnit colorSnow white (5Y9.3/0.1 Munsell Approximation)Neight1.0kg (approx.) (when used with desk stand: 1.3kg (approx.)RemarksONVIF Profile S supportDESCRIPTION MASTER STATIONF1G. NO.PAGEREVISIONNODEL NO.F1G.NO.	Power source	Power-ove	r–Ethernet(IEE	E 802.3af	Class O)		
Type of communication       Handset: Full-duplex (for calls between handsets only)         Monitor       7" TFT LCD display, WVGA 800 x 480 (approx. 1.15 million pixels)         Camera       1/4-type CMOS, VGA 640 x 480 (approx. 300,000 pixels)         LAN       Ethernet(10BASE-T, 100BASE-TX) Auto MD1/MD1-X-compatible         Audio codec       G. 711 (µ-law, A-law), G. 722         Video codec       H.264/AVC, Motion JPEG         Protocol       IPv4, IPv6, TCP, UDP, SIP, HTTP, HTTPS, RTSP, RTP, RTCP, IGMP, MLD, SMTP, SFTP, DHCP, NTP, DNS         Encryption method       TLS1.0, TLS1.1, TLS1.2         Packet delivery       Unicast, Multicast         Number of stations in address book       500 stations         Ambient temperature       0~40°C         Mounting       Desktop use (with desktop stand) or wall-mount         Electrical box       3-gang box         Material       Self-extinguishing ABS resin         Unit color       Snow white (59.3/0.1 Munsell Approximation)         1. 0kg (approx.)       (when used with desk stand: 1.3kg (approx.)         Remarks       ONVIF Profile S support         DESCRIPTION       F1G. NO.       PAGE         MODEL NO.       F1G. NO.       PAGE	Current consumption	-					
Handset: Full=duplex(for calls between handsets only)Monitor7" TFT LCD display, WVGA 800 x 480 (approx. 1.15 million pixels)Camera1/4-type CMOS, VGA 640 x 480 (approx. 300,000 pixels)LANEthernet(10BASE-T, 100BASE-TX) Auto MD1/MD1-X-compatibleAudio codecG. 711 (µ-law, A-law), G. 722Video codecH. 264/AVC, Motion JPEGProtocolIPv4, IPv6, TCP, UDP, SIP, HTTP, HTTPS, RTSP, RTP, RTCP, IGMP, MLD, SMTP, SFTP, DHCP, NTP, DNSEncryption methodTLS1.0, TLS1.1, TLS1.2Packet deliveryUnicast, MulticastNumber of stations in address book500 stationsAmbient temperature0~40°CMountingDesktop use (with desktop stand) or wall-mountElectrical box3-gang boxMaterialSelf-extinguishing ABS resinUnit colorSnow white (5Y9.3/0.1 Munsell Approximation)Weight1.0kg (approx.) (when used with desk stand: 1.3kg (approx.)RemarksONVIF Profile S supportDESCRIPTION MASTER STATIONFIG. NAME PRODUCT DRAWING/SPECIFICATIONSMODEL NO.FIG.NO.PAGEREVISION	Type of communication				-		
Camera       1/4-type CMOS, VGA 640 x 480 (approx. 300,000 pixels)         LAN       Ethernet(10BASE-T, 100BASE-TX) Auto MDI/MDI-X-compatible         Audio codec       G. 711 (µ-law, A-law), G. 722         Video codec       H. 264/AVC, Motion JPEG         Protocol       IPv4, IPv6, TCP, UDP, SIP, HTTP, HTTPS, RTSP, RTP, RTCP, IGMP, MLD, SMTP, SFTP, DHCP, NTP, DNS         Encryption method       TLS1.0, TLS1.1, TLS1.2         Packet delivery       Unicast, Multicast         Number of stations in address book       500 stations         Ambient temperature       0~40°C         Mounting       Desktop use (with desktop stand) or wall-mount         Electrical box       3-gang box         Material       Self-extinguishing ABS resin         Unic color       Snow white (5Y9.3/0.1 Munsell Approximation)         Weight       1.0kg (approx.) (when used with desk stand: 1.3kg (approx.)         Remarks       ONVIF Profile S support         DESCRIPTION       FIG. NAME PRODUCT DRAWING/SPECIFICATIONS       UNIT mm       DATE 19 December, 2018         MODEL NO.       FIG. NO.       PAGE       REVISION							
LANEthernet(10BASE-T, 100BASE-TX)AutoMDI/MDI-X-compatibleAudio codecG.711 (μ-law, A-law), G.722Video codecH.264/AVC, Motion JPEGProtocolIPv4, IPv6, TCP, UDP, SIP, HTTP, HTTPS, RTSP, RTP, RTCP, IGMP, MLD, SMTP, SFTP, DHCP, NTP, DNSEncryption methodTLS1.0, TLS1.1, TLS1.2Packet deliveryUnicast, MulticastNumber of stations in address book500 stationsAmbient temperature0~40°CMountingDesktop use (with desktop stand) or wall-mountElectrical box3-gang boxMaterialSelf-extinguishing ABS resinUnit colorSnow white (5Y9.3/0.1 Munsell Approximation)Weight1.0kg (approx.) (when used with desk stand: 1.3kg (approx.)RemarksONVIF Profile S supportDESCRIPTION MASTER STATIONFIG. NAME PRODUCT DRAWING/SPECIFICATIONSMODEL NO.FIG.NO.PAGEREVISION							ion pixels)
Audio codecG.711 (μ - law, A - law), G.722Video codecH. 264/AVC, Motion JPEGProtocolIPv4, IPv6, TCP, UDP, SIP, HTTP, HTTPS, RTSP, RTP, RTCP, IGMP, MLD, SMTP, SFTP, DHCP, NTP, DNSEncryption methodTLS1.0, TLS1.1, TLS1.2Packet deliveryUnicast, MulticastNumber of stations in address book500 stationsAmbient temperature0~40°CMountingDesktop use (with desktop stand) or wall-mountElectrical box3-gang boxMaterialSelf-extinguishing ABS resinUnit colorSnow white (5Y9.3/0.1 Munsell Approximation)Weight1.0kg (approx.) (when used with desk stand: 1.3kg (approx.)RemarksONVIF Profile S supportDESCRIPTION MASTER STATIONFIG. NAME PRODUCT DRAWING/SPECIFICATIONSMODEL NO.FIG.NO.PAGEREVISION							iblo
Video codecH. 264/AVC, Motion JPEGProtocolIPv4, IPv6, TCP, UDP, SIP, HTTP, HTTPS, RTSP, RTCP, IGMP, MLD, SMTP, SFTP, DHCP, NTP, DNSEncryption methodTLS1.0, TLS1.1, TLS1.2Packet deliveryUnicast, MulticastNumber of stations in address book500 stationsMountingDesktop use (with desktop stand) or wall-mountElectrical box3-gang boxMaterialSelf-extinguishing ABS resinUnit colorSnow white (5Y9.3/0.1 Munsell Approximation)Neight1. 0kg (approx.) (when used with desk stand: 1. 3kg (approx.))RemarksONVIF Profile S supportDESCRIPTION MASTER STATIONFIG. NAME PRODUCT DRAWING/SPECIFICATIONSMODEL NO.FIG.NO.			,	•			IDIG
ProtocolIPv4, IPv6, TCP, UDP, SIP, HTTP, HTTPS, RTSP, RTP, RTCP, IGMP, MLD, SMTP, SFTP, DHCP, NTP, DNSEncryption methodTLS1.0, TLS1.1, TLS1.2Packet deliveryUnicast, MulticastNumber of stations in address book500 stationsAmbient temperature0~40°CMountingDesktop use (with desktop stand) or wall-mountElectrical box3-gang boxMaterialSelf-extinguishing ABS resinUnit colorSnow white (5Y9.3/0.1 Munsell Approximation)Weight1.0kg (approx.) (when used with desk stand: 1.3kg (approx.))RemarksONVIF Profile S supportDESCRIPTION MASTER STATIONFIG. NAME PRODUCT DRAWING/SPECIFICATIONSMODEL NO.FIG.NO.		-		<i>a. 122</i>			
ProtocolSFTP, DHCP, NTP, DNSEncryption methodTLS1.0, TLS1.1, TLS1.2Packet deliveryUnicast, MulticastNumber of stations in address book500 stationsAmbient temperature0~40°CMountingDesktop use (with desktop stand) or wall-mountElectrical box3-gang boxMaterialSelf-extinguishing ABS resinUnit colorSnow white (5Y9.3/0.1 Munsell Approximation)Weight1.0kg (approx.) (when used with desk stand: 1.3kg (approx.)RemarksONVIF Profile S supportDESCRIPTION MASTER STATIONFIG. NAME PRODUCT DRAWING/SPECIFICATIONSMODEL NO.FIG.NO.PAGEREVISIONAnd Description		-	-	IP. HTTP.	HTTPS. RTS	P. RTP. RT	CP. IGMP. MLD. SMTP.
Packet delivery       Unicast, Multicast         Number of stations in address book       500 stations         Ambient temperature       0~40°C         Mounting       Desktop use (with desktop stand) or wall-mount         Electrical box       3-gang box         Material       Self-extinguishing ABS resin         Unit color       Snow white (5Y9. 3/0.1 Munsell Approximation)         Weight       1. 0kg (approx.) (when used with desk stand: 1. 3kg (approx.)         Remarks       ONVIF Profile S support         DESCRIPTION       FIG. NAME         MASTER STATION       FIG. NO.         MODEL NO.       FIG. NO.	Protocol			, ,	,	, ,	, , , , ,
Number of stations in address book       500 stations         Ambient temperature       0~40°C         Mounting       Desktop use (with desktop stand) or wall-mount         Electrical box       3-gang box         Material       Self-extinguishing ABS resin         Unit color       Snow white (5Y9.3/0.1 Munsell Approximation)         Weight       1.0kg (approx.) (when used with desk stand: 1.3kg (approx.)         Remarks       ONVIF Profile S support         DESCRIPTION       FIG. NAME PRODUCT DRAWING/SPECIFICATIONS       UNIT mm       DATE 19 December, 2018         MODEL NO.       FIG. NO.       PAGE       REVISION	Encryption method	TLS1.0, T	LS1.1, TLS1.2				
address book500 stationsAmbient temperature0~40°CMountingDesktop use (with desktop stand) or wall-mountElectrical box3-gang boxMaterialSelf-extinguishing ABS resinUnit colorSnow white (5Y9. 3/0.1 Munsell Approximation)Weight1.0kg (approx.) (when used with desk stand: 1.3kg (approx.)RemarksONVIF Profile S supportDESCRIPTIONFIG. NAMEMASTER STATIONFIG. NAMEMODEL NO.FIG. NO.PRODUCT DRAWING/SPECIFICATIONSMODEL NO.	Packet delivery	Unicast,	Multicast				
address bookO~40°CMountingDesktop use (with desktop stand) or wall-mountElectrical box3-gang boxMaterialSelf-extinguishing ABS resinUnit colorSnow white (5Y9.3/0.1 Munsell Approximation)Weight1.0kg (approx.) (when used with desk stand: 1.3kg (approx.)RemarksONVIF Profile S supportDESCRIPTION MASTER STATIONFIG. NAME PRODUCT DRAWING/SPECIFICATIONSUNIT mmMODEL NO.FIG. NO.PAGEREVISION		500 stati					
MountingDesktop use (with desktop stand) or wall-mountElectrical box3-gang boxMaterialSelf-extinguishing ABS resinUnit colorSnow white (5Y9. 3/0. 1 Munsell Approximation)Weight1. 0kg (approx.) (when used with desk stand: 1. 3kg (approx.))RemarksONVIF Profile S supportDESCRIPTION MASTER STATIONFIG. NAME PRODUCT DRAWING/SPECIFICATIONSUNIT mmMODEL NO.FIG. NO.PAGEREVISION		address book					
Electrical box3-gang boxMaterialSelf-extinguishing ABS resinUnit colorSnow white (5Y9. 3/0. 1 Munsell Approximation)Weight1. 0kg (approx.) (when used with desk stand: 1. 3kg (approx.))RemarksONVIF Profile S supportDESCRIPTION MASTER STATIONFIG. NAME PRODUCT DRAWING/SPECIFICATIONSUNIT mmMODEL NO.FIG. NO.PAGEREVISIONFIG. NO.PAGE							
Material       Self-extinguishing ABS resin         Unit color       Snow white (5Y9.3/0.1 Munsell Approximation)         Weight       1.0kg (approx.) (when used with desk stand: 1.3kg (approx.)         Remarks       ONVIF Profile S support         DESCRIPTION MASTER STATION       FIG. NAME PRODUCT DRAWING/SPECIFICATIONS       UNIT mm       DATE 19 December, 2018         MODEL NO.       FIG. NO.       PAGE       REVISION							
Unit color       Snow white (5Y9.3/0.1 Munsell Approximation)         Weight       1.0kg (approx.) (when used with desk stand: 1.3kg (approx.)         Remarks       ONVIF Profile S support         DESCRIPTION MASTER STATION       FIG. NAME PRODUCT DRAWING/SPECIFICATIONS       UNIT mm       DATE 19 December, 2018         MODEL NO.       FIG. NO.       PAGE       REVISION							
Weight       1.0kg (approx.) (when used with desk stand: 1.3kg (approx.)         Remarks       ONVIF Profile S support         DESCRIPTION MASTER STATION       FIG. NAME PRODUCT DRAWING/SPECIFICATIONS       UNIT mm       DATE 19 December, 2018         MODEL NO.       FIG. NO.       PAGE       REVISION							
Weight     (when used with desk stand: 1.3kg (approx.)       Remarks     ONVIF Profile S support       DESCRIPTION MASTER STATION     FIG. NAME PRODUCT DRAWING/SPECIFICATIONS     UNIT mm     DATE 19 December, 2018       MODEL NO.     FIG. NO.     PAGE     REVISION							
Remarks       ONVIF Profile S support         DESCRIPTION MASTER STATION       FIG. NAME PRODUCT DRAWING/SPECIFICATIONS       UNIT mm       DATE 19 December, 2018         MODEL NO.       FIG. NO.       PAGE       REVISION	Weight			and: 1 3kg	(approx)		
DESCRIPTION     FIG. NAME     UNIT     DATE       MASTER STATION     PRODUCT DRAWING/SPECIFICATIONS     mm     19 December, 2018       MODEL NO.     FIG. NO.     PAGE     REVISION	Remarks						
MASTER STATIONPRODUCT DRAWING/SPECIFICATIONSmm19 December, 2018MODEL NO.FIG. NO.PAGEREVISION							DATE
MODEL NO. FIG. NO. PAGE REVISION				ING/SPECIF	ICATIONS		
IX-MV7-HW 158509-1-8 1/8 1 APPONE			FIG.NO.		PAGE	REVISION	
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# ■WIRING DIAGRAM



### \*1. Contact Input Specifications

Input method	Programmable dry contact (N/O or N/C)			
Input method	Level detection method			
Detection time	70msec or more			
Contact resistance	Make: 700Ω or less			
	Break: 3kΩ or more			
Terminal short-	10m4 en 1000			
circuit current	10mA or less			
Voltage between	5.5V DC or less(between open terminals)			
terminals	5.54 DG OF TESS (DELWEEN OPEN LENITHATS)			

#### \*2. Relay Output Specifications

Output method	Form C dry contact(N/O or N/C)
Contact rating	24V AC, 1A(resistive load) 24V DC, 1A(resistive load) Minimum overload(AC/DC): 100mV, 0.1mA

### \*3. Paging Audio Input Specifications

Input audio level 50mVrms	

## \*4.External Speaker Output Specifications

Output impedance	8Ω
Maximum output power	0. 5W

## \*5. IEEE802.3af

DESCRIPTION	FIG. NAME		UNIT	DATE
MASTER STATION	WIRING DIAGRAM		mm	19 December, 2018
MODEL NO.	FIG.NO.	PAGE	REVISION	AIBUANE
IX-MV7-HW	158509-3-8	3/8	1	AIPHONE

# ■ RESTRICTIONS

- A PoE-compatible switch must be used as the switch (hub) for station connection.
- A computer is required to make system settings. IX system can be configured in one of the two methods, "IX Support Tool" application or Web browser. Once the system has been configured through a browser, the settings cannot be transferred to IX Support Tool. The IX Support Tool is recommended for system settings management.
- Due to handsfree auto voice actuation system, smooth voice switching may be hindered by voice strength of the opponent or ambient noise, etc.
- While updating the System settings, stations unavailable.
- Do not register unused units in the address list. If unused units are present in the address list, system performance will degrade.
- In order to audio or video record, the following microSD memory card (market goods) compliant with SD standard is necessary.

Standard	Capacity	File System	Speed Classes
SDHC	2GB up to 32GB	FAT32	C10. U1
SDXC	64GB up to 128GB	exFAT	טוט, טו

## ■ RESTRICTIONS ABOUT THE NETWORK

- When connecting via the Internet (global IP networks), VPN Service is necessary.
- We do not recommend using a wireless communication such as wireless LAN as it may not operate correctly due to security issues or communication speed delays.
- For IPv4 Address with DHCP, due to the architecture of the IX system, DHCP configuration is only recommended for network environments utilizing managed (static) IP address leasing.
- For stateless IPv6 Address, do not change the prefix of the device so that it cannot transmit Router Advertisement (RA).
- For IPv6 Address with DHCP, due to the architecture of the IX system, DHCP configuration is only recommended for network environments utilizing managed (static) IP address leasing. The DUID of the device: 00030001 + MAC address
- Depending on the network environment and computer, prior arrangements and setup operations involving the network administrator might be necessary.
- Depending on the network environment, operation delays might occur.
- Depending on the network environment or other factors, audio or video dropout, delays, lower frame rates, or other loss of correct operation might occur.
- The protocols used by this system must be supported.
- The network bandwidth required by each device when communicating are as follows.
   G. 711 · G. 722: 64kbps x 2(in communication), 64kbps x stations(on page)
   H. 264: 32kbps up to 2048kbps
- IPv4 and IPv6 cannot be mixed in the same system.
- When using multicasting for web-setup network-camera searches, video, or audio, use in an environment that does not reject IGMPv3 or MLDv2.

DESCRIPTION	FIG. NAME		UNIT	DATE
MASTER STATION	RESTRICTIONS		mm	19 December, 2018
MODEL NO.	FIG. NO.	PAGE	REVISION	
IX-MV7-HW	158509-4-8	4/8	1	AIPHONE

■ FUNCT I ONS						
• Calling						
Individual Call: Call a spec	ific station					
	Group Call: Make an outgoing call to all stations that belong to the selected group.					
Contact input call: Make an c	Contact input call: Make an outgoing call to all stations that belong to the selected Contact input call group.					
<ul> <li>Answer and communication</li> </ul>						
Touch-to-talk: This communica	tion mode switches betw	een sendin	g speech or	receiving speech.		
Mute mode: During communicati mute button.						
Auto answer: When auto answer be answered auto		calls fro	n other Mas	ster Stations will		
Privacy: When auto answer fea not be turned on.	-	mera and m	icrophone d	of the station will		
<ul> <li>Monitoring</li> </ul>						
Monitor a door station: Monit	or video and audio from	a door sta	ation.			
Maste	er Stations cannot be mo	nitored.				
Monitor a network camera: Mor						
	at regular time interva		or network	cameras while		
<ul> <li>Audio or video recording func</li> </ul>						
Audio or video recording: Rec a c	cord audio and video to call.	a microSD (	card at the	e start of or during		
Audio or video playback: Play stat	v an audio or video reco cion or a computer.	rding save	d to a micr	roSD card on a		
<ul> <li>Transfer</li> </ul>						
Absent transfer/Schedule trar	-					
However, when transferring th						
Transfer calls (during commur Absent transfer: Activate abs automaticall	ent transfer, the incom					
Schedule transfer: A call car	-	tically a	coording to			
Delay transfer: Incoming call		another s	-			
• Paging						
Paging a group: Send a page t	o all stations that bel	ong to a s	elected gro	ดมต		
Paging all stations: Send a p		t are regi	stered on 1			
Message paging: Distribute me				eceiving device.		
• Speed Dials/Favorites				-		
The following functions can b	be assigned to each of t	he eight s	peed dials.			
Calling: Individual Call, Gro	_					
Paging: Group page, All page,						
Monitor: Monitor a station or						
Option Relay Control: Control	another station's rela	y output.				
• Option Input						
The following functions can b		he four op	tion inputs	S.		
Calling: Individual Call, Gro						
Answer operation: Answer a ca						
Paging: Group page, All page,		input page	9			
Turn LCD on: Turn on LCD by c						
API: Send API command by opti	on input.					
	FIG. NAME		UNIT	DATE		
MASTER STATION	FUNCTIONS		mm	19 December, 2018		
DDEL NO.	FIG.NO.	PAGE	REVISION			
X-MV7-HW	158509-5-8	5/8	1	AIPHONE		

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<u>IX-MV7-H</u>W

• Relay Output					
The following functions ca	The following functions can be assigned to each of the two relay outputs.				
Status output: Make a rela	Status output: Make a relay output in status of Outgoing a call/Incoming a call/				
Communicati	ion/Outgoing a page/Incom	ning a page.			
Door Release: Trigger a re	elay output when receivir	g an unlocking instruction.			
Option Relay Control: Trig	gger a relay output when	receiving making an relay output			
inst	truction from another sta	tion.			
• Others					
IP-PBX integration: IX Sys	stem can integrate with l	P-PBX *.			
Make,	receive, transfer calls,	answer visitors, and release doors.			
*. Int	tegration with SIP (Unifi	ed Communication Manager) of Cisco Systems.			
Unlock a door: Unlock an e	electric lock during comm	nunication, or during monitoring.			
Up to each 500 incoming/ou	utgoing call records are	stored. Station monitoring is not logged			
in call history.					
Adjust video to enhance vi	isibility: The image will	be adjusted to back light compensation			
	and night time correction.				
Send emails: Emails can be	e sent to pre-registered	email addresses when triggering events			
occur.					
Chime: Play message data f	Chime: Play message data following a preset schedule.				
Picture-in-picture function: Display images from two cameras simultaneously during calling,					
monitoring, or other function.					
Supervision: Perform line supervision or device check.					
• Indicators					
Name	Status *1	Description			

Name	Status *1	Description		
		Booting		
		Device error		
	Overse fleshing	Communication failure, Line supervision error,		
	Orange flashing	Device check error		
		Firmware version upgrading		
		Initializing		
	Orange light	Turning power on, setting transfer on		
		Calling destination busy		
	Blue flashing	Outgoing calling, monitoring,		
Status indicator		or outgoing paging		
		Incoming calling		
		Door releasing *2		
		Missed call		
		Incoming paging		
		Receiving an event notification from a		
		network camera		
	Blue light	During communication		
		Standby (Depends on setting)		

\*1. The flashing pattern varies depending on the state of master station.

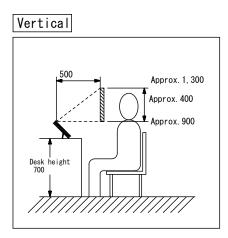
\*2. This flashes when the electrical lock connected to this station is released. If the door release timeout is set to 3 seconds or less, it will flash at a 3 second interval.

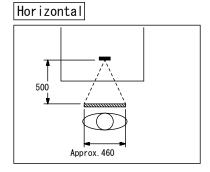
DESCRIPTION	FIG. NAME		UNIT	DATE
MASTER STATION	FUNCTIONS		mm	19 December, 2018
MODEL NO.	FIG. NO.	PAGE	REVISION	
IX-MV7-HW	158509-6-8	6/8	1	AIPHONE

# ■ IMAGE VIEW AREA & MOUNTING HEIGHT

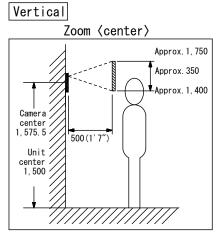
Note about desktop use

In the case of installed on a desk. Condition: Desktop stand (45°) Camera position(the most downward(-20°) Adjust the camera position according to the desktop stand angle.



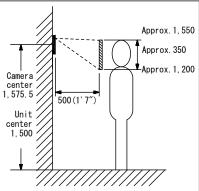


●Wall mounting

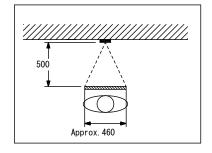


Vertical

Maximum downward position



Horizontal



DESCRIPTION	FIG. NAME	FIG. NAME		DATE
MASTER STATION	IMAGE VIEW AREA & MOUN	IMAGE VIEW AREA & MOUNTING HEIGHT		19 December, 2018
MODEL NO.	FIG. NO.	PAGE	REVISION	
IX-MV7-HW	158509-7-8	7/8	1	AIPHONE

■ SETTING Station settings Configure on the station • WEB settings Configure using a PC System requirements Network Ethernet(10BASE-T, 100BASE-TX) Microsoft Edge / Internet Explorer 10.0, 11.0 / Mozilla Firefox 59, 60(TLS1.0, Web browser 1.1 or 1.2 enabled) • Using the "IX Support Tool" application Install the application on a PC and use to create the setting file for all stations. Refer to "■IX SUPPORT TOOL" ■IX SUPPORT TOOL System requirements Windows 7 Professional, Windows 7 Enterprise, Windows 7 Ultimate Windows 8, Windows 8 pro, Windows 8 Enterprise 0S Windows 8.1, Windows 8.1 pro, Windows 8.1 Enterprise Windows 10 Home, Windows 10 pro, Windows 10 Enterprise Windows 10 Education CPU 32 bit (x86) processor or 64 bit (x64) processor of 1 GHz or higher 4 GB RAM or higher Memory Screen resolution | 1280x768 or greater Functions - Settings (Table View) ... All stations in the system can be configured from the Settings window. - Settings(Station View)...Configure each station in the system individually. - Setting File Download...Store the Settings File - Setting File Upload...Upload the Settings File - Station Search...Search the stations in IX System connected in the network to show the list. - Station Replacement...this feature to replace a station. - Restore System Settings... If the setting file is lost, the setting file can be restored. - Update Firmware...Update the firmware for the station. Restrictions - If the station was configured or modified using the web interface, the setting file cannot be downloaded using the IX Support Tool. ■ IX SUPERVISION TOOL Install the application on a PC and use to Line supervision and device check for stations. System requirements Windows 7 Professional, Windows 7 Enterprise, Windows 7 Ultimate Windows 8, Windows 8 pro, Windows 8 Enterprise 0S Windows 8.1, Windows 8.1 pro, Windows 8.1 Enterprise Windows 10 Home, Windows 10 pro, Windows 10 Enterprise Windows 10 Education CPU 32 bit (x86) processor or 64 bit (x64) processor of 1 GHz or higher Memory 4 GB RAM or higher Screen resolution | 1280x768 or greater Functions - Line Supervision...By checking the response to a ping, this feature confirms that the station is properly connected to the network. - Device Check…This function to determine whether stations are operating normally or malfunctioning. - Download Video and Audio…To download recordings of the Door Stations. DESCRIPTION FIG. NAME UNIT DATE MASTER STATION SETTING/ IX Support Tool/ IX Supervision Tool 19 December, 2018 mm MODEL NO. FIG. NO. PAGE REVISION

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