

OHM series

Removable Magnetic Front Bezel

Fanless Android ARM based i.MX 6 Cortex-A9

HMI Touch Panel PC

INDEX

OHM-C0S29-10xA1.....	1
OHM-C0S29-12xA1.....	2
OHM-C0S29-015A1.....	3
OHM-C0S29-015B1.....	4
OHM-C0S29-017A1.....	5
OHM-C0S29-019A1.....	6
OHM-C0S29-021B1.....	7

OHM-C0S29-10xA1

Fanless i.MX 6 Cortex-A9 Removable bezel
Touch HMI



Feature

- Fanless design and compact solution
- i.MX 6 Cortex-A9 Quad / Dual Lite 1.0 GHz
- Resolution: 1024 x 768 & 800 x 600 dpi
- 5-wire resistive touch solution
- Removable Magnetic front bezel
- 2 x USB, 1 x RS232, 1 x LAN, 1 x USB OTG
- In wall mount
- Operation System: Android 4.4.2

System	
CPU	Freescall ARM Cortex-A9™ iMX6 Quad / Dual Lite 1.0 GHz
Memory	1GB DDR3 (On Board)
I/O Ports	
RS232	1
GLAN	1
USB	2
USB OTG	1
Audio-in	1
Storage	
Storage	4GB eMMC
Expansion	
MicroSD (SDXC)	1
Power Requirement	
Power Input Voltage	DC in 12V
Touch Screen	
Touch screen	5-wire resistive

Display		
Model Number	OHM-C0S29-102A1	OHM-C0S29-101A1
Size	10.4" TFT (4:3)	
Resolution	1024 x 768	800 x 600
Colors	16.2 M	16.2 M
Luminance (cd/m ²)	350	230
Contrast Ratio	1200:1	500 : 1
View Angle (H / V)	176/176	140/120
Mechanical & Environmental		
Operation Temp	0 ~ 45°C	
Storage Humidity	10 ~ 90%, non-condensing	
Mount	In wall mount	
Dimension/ (W x H x D, mm) Weight	302 x 224 x 70.2(4.5kg)	

OHM-C0S29-12xA1

Fanless i.MX 6 Cortex-A9
Removable bezel Touch HMI



Feature

- Fanless design and compact solution
- i.MX 6 Cortex-A9 Quad / Dual Lite 1.0 GHz
- Resolution 1024 x 768 & 800 x 600 dpi
- 5-wire resistive touch solution
- Removable Magnetic front bezel
- 4 x USB, 1 x VGA, 1 x HDMI ,2 x GLAN
- In wall mount
- Operation System: Android 4.4.2

System	
CPU	Freescale ARM Cortex-A9™ iMX6 Quad / Dual Lite 1.0 GHz
Memory	1GB DDR3 (On Board)
I/O Ports	
RS232	1
GLAN	1
USB	2
USB OTG	1
Audio-in	1
Storage	
Storage	4GB eMMC
Expansion	
MicroSD (SDXC)	1
Power Requirement	
Power Input Voltage	DC in 12V
Touch Screen	
Touch screen	5-wire resistive

Display		
Model Number	OHM-C0S29-122A1	OHM-C0S29-121A1
Size	12.1" TFT (4:3)	
Resolution	1024 x 768	800 x 600
Colors	16.2 M	16.2 M
Luminance (cd/m2)	500	400
Contrast Ratio	700:1	600:1
View Angle (H / V)	160/160	160/120
Mechanical & Environmental		
Operation Temp	0 ~ 45°C	
Storage Humidity	10 ~ 90%, non-condensing	
Mount	In wall mount	
Dimension/ (W x H x D, mm) Weight	349.4 x 263.9 x 70(6kg)	

OHM-COS29-015A1

Fanless i.MX 6 Cortex-A9

Removable bezel Touch HMI



Feature

- Fanless design and compact solution
- i.MX 6 Cortex-A9 Quad / Dual Lite 1.0 GHz
- Resolution: 1024 x 768 dpi
- 5-wire resistive touch solution
- Removable Magnetic front bezel
- 2 x USB, 1 x RS232, 1 x LAN, 1 x USB OTG
- In wall mount
- Operation System: Android 4.4.2

System	
CPU	Freescall ARM Cortex-A9™ iMX6 Quad / Dual Lite 1.0 GHz
Memory	1GB DDR3 (On Board)
I/O Ports	
RS232	1
GLAN	1
USB	2
USB OTG	1
Audio-in	1
Storage	
Storage	4GB eMMC
Expansion	
MicroSD (SDXC)	1
Power Requirement	
Power Input Voltage	DC in 12V
Touch Screen	
Touch screen	5-wire resistive

Display	
Size	15" TFT (4:3)
Resolution	1024 x 768
Colors	16.2 M
Luminance (cd/m2)	400
Contrast Ratio	700:1
View Angle (H / V)	160/160
Mechanical & Environmental	
Operation Temp	0 ~ 45°C
Storage Humidity	10 ~ 90%, non-condensing
Mount	In wall mount
Dimension/ (W x H x D, mm) Weight	400.9 x 303.7 x 71(7kg)

OHM-COS29-015B1

Fanless i.MX 6 Cortex-A9
Removable bezel Touch HMI



Feature

- Fanless design and compact solution
- i.MX 6 Cortex-A9 Quad / Dual Lite 1.0 GHz
- Resolution: 1366 x 768 dpi
- 5-wire resistive touch solution
- Removable Magnetic front bezel
- 2 x USB, 1 x RS232, 1 x LAN, 1 x USB OTG
- In wall mount
- Operation System: Android 4.4.2

System	
CPU	Freescle ARM Cortex-A9™ iMX6 Quad / Dual Lite 1.0 GHz
Memory	1GB DDR3 (On Board)
I/O Ports	
RS232	1
GLAN	1
USB	2
USB OTG	1
Audio-in	1
Storage	
Storage	4GB eMMC
Expansion	
MicroSD (SDXC)	1
Power Requirement	
Power Input Voltage	DC in 12V
Touch Screen	
Touch screen	5-wire resistive

Display	
Size	15.6" TFT (16:9)
Resolution	1366 x 768
Colors	16.7 M
Luminance (cd/m2)	400
Contrast Ratio	500:1
View Angle (H / V)	170/160
Mechanical & Environmental	
Operation Temp	0 ~ 45°C
Storage Humidity	10 ~ 90%, non-condensing
Mount	In wall mount
Dimension (W x H x D mm) &Weight	454 x 272.4 x 74.3 (7.5kg)

OHM-C0S29-017A1

Fanless i.MX 6 Cortex-A9
Removable bezel Touch HMI



Feature

- Fanless design and compact solution
- i.MX 6 Cortex-A9 Quad / Dual Lite 1.0 GHz
- Resolution: 1280 x 1024 dpi
- 5-wire resistive touch solution
- Elegant style Silver metal chassis design
- 2 x USB, 1 x RS232, 1 x LAN, 1 x USB OTG
- In wall mount
- Operation System: Android 4.4.2

System	
CPU	Freescale ARM Cortex-A9™ iMX6 Quad / Dual Lite 1.0 GHz
Memory	1GB DDR3 (On Board)
I/O Ports	
RS232	1
GLAN	1
USB	2
USB OTG	1
Audio-in	1
Storage	
Storage	4GB eMMC
Expansion	
MicroSD (SDXC)	1
Power Requirement	
Power Input Voltage	DC in 12V
Touch Screen	
Touch screen	5-wire resistive

Display	
Size	17" TFT (4:3)
Resolution	1280 x 1024
Colors	16.7 M
Luminance (cd/m2)	350
Contrast Ratio	1000:1
View Angle (H / V)	140/170
Mechanical & Environmental	
Operation Temp	0 ~ 45°C
Storage Humidity	10 ~ 90%, non-condensing
Mount	In wall mount
Dimension/ (W x H x D, mm) Weight	453.5 x 352 x 71.4 (10kg)
Optional	

OHM-COS29-019A1

Fanless i.MX 6 Cortex-A9
Removable bezel Touch HMI



Feature

- Fanless design and compact solution
- i.MX 6 Cortex-A9 Quad / Dual Lite 1.0 GHz
- Resolution: 1280 x 1024 dpi
- 5-wire resistive touch solution
- Removable Magnetic front bezel
- 2 x USB, 1 x RS232, 1 x LAN, 1 x USB OTG
- In wall mount
- Operation System: Android 4.4.2

System	
CPU	Freescall ARM Cortex-A9™ iMX6 Quad / Dual Lite 1.0 GHz
Memory	1GB DDR3 (On Board)
I/O Ports	
RS232	1
GLAN	1
USB	2
USB OTG	1
Audio-in	1
Storage	
Storage	4GB eMMC
Expansion	
MicroSD (SDXC)	1
Power Requirement	
Power Input Voltage	DC in 12V
Touch Screen	
Touch screen	5-wire resistive

Display	
Size	19" TFT (4:3)
Resolution	1366 x 768
Colors	16.7 M
Luminance (cd/m2)	250
Contrast Ratio	1000:1
View Angle (H / V)	170/160
Mechanical & Environmental	
Operation Temp	0 ~ 45°C
Storage Humidity	10 ~ 90%, non-condensing
Mount	In wall mount
Dimension (W x H x D mm) &Weight	487 x 376.8 x 74.8 (11kg)
Optional	

OHM-COS29-021B1

Fanless i.MX 6 Cortex-A9
Removable bezel Touch HMI



Feature

- Fanless design and compact solution
- i.MX 6 Cortex-A9 Quad / Dual Lite 1.0 GHz
- Resolution: 1280 x 1024 dpi
- 5-wire resistive touch solution
- Removable Magnetic front bezel
- 2 x USB, 1 x RS232, 1 x LAN, 1 x USB OTG
- In wall mount & VESA mounting
- Operation System: Android 4.4.2

System	
CPU	Freescale ARM Cortex-A9™ iMX6 Quad / DualLite 1.0 GHz
Memory	1GB DDR3 (On Board)
I/O Ports	
RS232	1
GLAN	1
USB	2
USB OTG	1
Audio-in	1
Storage	
Storage	4GB eMMC
Expansion	
MicroSD (SDXC)	1
Power Requirement	
Power Input Voltage	DC in 12V
Touch Screen	
Touch screen	5-wire resistive

Display	
Size	21.5" TFT (16:9)
Resolution	1920 x 1080
Colors	16.7 M
Luminance (cd/m2)	300
Contrast Ratio	3000:1
View Angle (H / V)	178/178
Mechanical & Environmental	
Operation Temp	0 ~ 45°C
Storage Humidity	10 ~ 90%, non-condensing
Mount	In wall mount
Dimension/ (W x H x D, mm) Weight	581.3 x 337.2 x 73.6(10kg)